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Quarterly Bulletin Central Washington College of Education Ellensburg, Washington. Summer Session 1956

Central Washington University

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1956

CWCE

**SUMMER
SESSION**

● **CENTRAL WASHINGTON
COLLEGE OF EDUCATION**

**ELLENSBURG
WASHINGTON**

QUARTERLY BULLETIN

Central Washington College of Education

ELLENSBURG, WASHINGTON

SUMMER SESSION

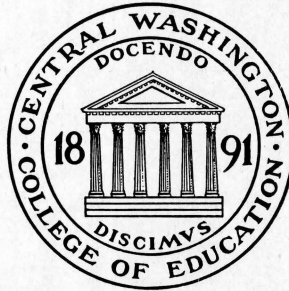
1956

First Term, Monday, June 18

Through Wednesday, July 18

Second Term, Thursday, July 19

Through Friday, August 17



This college is accredited by the
National Council for Accreditation of Teacher Education
and the
Northwest Association of Secondary and
Higher Schools

Volume 48

April, 1956

Number 3

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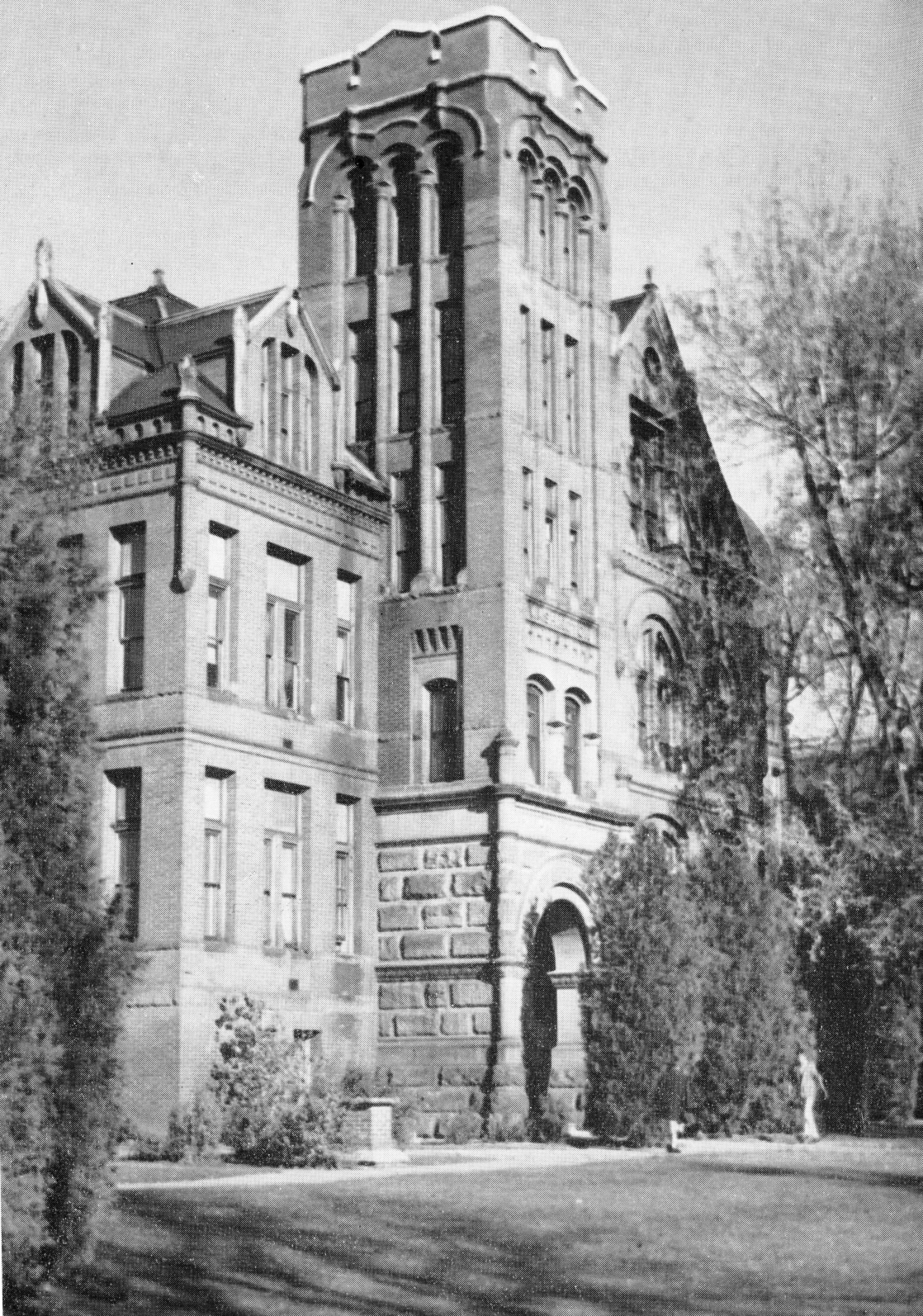


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First Term

Second Term

Post-Session

Conservation and Outdoor Education Workshop—First Session (Rustic Inn)	August 12 through 18
Conservation and Outdoor Education Workshop—Second Session (Rustic Inn)	August 19 through 25

SPECIAL EVENTS CALENDAR

Workshops

- Workshop, Reading in Elementary Schools. June 19 through June 29
Workshop, Curriculum Improvement June 19 through June 29
Workshop, Science Education..... June 19 through July 18
Workshop, Personal and Family Financial Security Education...
..... June 19 through July 18
Workshop, Music Education..... June 19 through July 18
Workshop, Reading in Secondary Schools.... July 2 through July 13
Workshop, The Junior High School..... July 9 through July 19
Workshop, Driver Education July 19 through August 17
Band Clinic July 19 through August 17
Workshop, Family Life Education..... July 23 through August 3
Workshop, School Building Planning.... July 23 through August 3
Workshop, The Rhythms Program..... July 23 through August 3
Workshop, The Crippled Child..... July 23 through August 3
Workshop, Camping Education for Crippled Children.....
..... August 4 through August 20
Workshop, The Gifted Child August 6 through August 17
Workshop, Teaching Controversial Issues.....
..... August 6 through August 17
Workshop, Conservation and Outdoor Education—First Session
(Beginning and Advanced)..... August 12 through August 18
Workshop, Conservation and Outdoor Education—Second Session
(Beginning and Advanced)..... August 19 through August 25

Conferences

- Parents and Teachers Leadership Conference. June 23 through June 25
Elementary School Principal's Conference ... June 26 through June 29

Conducted Excursions

- Ginkgo Petrified Forest..... June 23
N. E. A. Convention..... July 1-4
Roslyn Coal Mines..... July 21
Grand Coulee Dam..... August 4

SUMMER—1956**BOARD OF TRUSTEES**

Victor J. Bouillon, Chairman.....	Ellensburg
Bernardines K. Frick.....	Marlin
Don M. Tunstall.....	Yakima

FACULTY FOR THE SUMMER SESSION**ADMINISTRATIVE OFFICERS**

Robert E. McConnell.....	President
J. Wesley Crum.....	Dean of Instruction
Emil E. Samuelson.....	Dean of Students
Ernest L. Muzzall.....	Director of Graduate Studies
Edward B. Rogel.....	Director of Public Services
Perry H. Mitchell.....	Registrar
Kenneth Courson.....	Business Manager
Margaret Mount.....	Librarian
Bonnie Wiley.....	Director of Publications
Alexander H. Howard, Jr., Acting Director of Audio Visual Education	
Amanda Hebel.....	Director of College Elementary School
Annette Hitchcock.....	Dean of Women
Dean Stinson.....	Dean of Men

SUMMER SESSION—1956**VISITING LECTURERS AND CONSULTANTS**

- Willard Abraham—Workshop, The Gifted Child. Professor of Education, Arizona State College.
- Walter A. Anderson—Workshop in Curriculum. Chairman, Department of Administration and Supervision, School of Education, New York University.
- Chester D. Babcock—Education Workshop. Director of Curriculum, Seattle Public Schools.
- Frederick Carlton Ball—Ceramics. Associate Professor of Fine Art, University of Southern Illinois.
- Robert E. Barry—Education and Guidance. Coordinator of Secondary Guidance, Santa Barbara City Schools, California.
- Clifford A. Erickson—Education and Guidance. Director of Guidance, Yakima Public Schools.
- Ed K. Erickson—Workshop on School Building Planning. Superintendent of Schools, Ellensburg.
- Jettye Fern Grant—Education and Third and Fourth Grades, College Elementary School. Supervisor, General Elementary and Kindergarten Instruction, Berkeley Public Schools, California.

- Helen S. Grayum—Education and Remedial Reading Room. Curriculum Consultant, Seattle Public Schools.
- Edwin S. Henderson—Rhythms Workshop. Consultant in Physical Education, Spokane Public Schools.
- Dorothy Jack—First Grade, College Elementary School. Vice-Principal, Genesee Hill Elementary School, Seattle.
- Lester Kirkendall—Workshop, Family Life Education. Professor of Family Life, Oregon State College.
- Freida Lyons—Workshop for Crippled Children. Instructor Sunnydale School, Highline Public Schools, Seattle.
- Leo E. Milanowski—Driver Education. Instructor in Centralia High School and Centralia Junior College.
- Malcolm A. Murray—Geography. Department of Geography, Miami University, Oxford, Ohio.
- Lois H. Nickel—Kindergarten, College Elementary School. Instructor, Ellensburg Public Schools.
- Gertrude Noar—Workshop, Modern Junior High School Program. Director, Department of Education, Anti-Defamation League of B'nai B'rith, New York.
- William L. Patty—Psychology. Professor of Psychology, Los Angeles City College.
- Delbert Peterson—Workshop for Crippled Children. Principal, Sunnydale School, Highline Public Schools, Seattle.
- Alma Read—Fifth and Sixth Grades, College Elementary School. Elementary Teacher, McMicken Heights Elementary School, Highline Public Schools, Seattle.
- David L. Shepherd—Education. Secondary School Reading Consultant, Norwalk Public Schools, Norwalk, Connecticut.
- Vernon Siegner—Industrial Arts. Sharples Junior High School, Seattle.
- Donald M. Tower—Education. President, State University Teachers College, Brockport, New York.
- Donald F. Warner—History. Professor of History, Macalester College.
- LeRoy D. Weber—Education. University High School, University of Hawaii, Honolulu.

EDUCATION, PHILOSOPHY AND PSYCHOLOGY

- Maurice L. Pettit.....Education
Professor of Education; B.A. (Ed.), Central Washington College of Education; M.A., Ph.D., University of Washington.
- Willard AbrahamSpecial Education
Visiting Instructor in Education; B.S., Illinois Institute of Technology; M.Ed., Chicago Teachers College; Ph.D., Northwestern University.
Professor of Education, Arizona State College.
- Walter A. Anderson.....Education
Visiting Instructor in Education; BS., M.A., University of Minnesota; Ed.D., Teachers College, Columbia University. Chairman, Department of Administration and Supervision, New York University.

- Chester D. Babcock.....Education
Visiting Instructor in Education; B.S., Whitman College; M.A., State College of Washington; Ed.D., Stanford University.
Director of Curriculum, Seattle Public Schools.
- Robert E. Barry.....Education
Visiting Instructor in Education; A.B., San Francisco State College; M.S., University of Southern California; Ed. D., Stanford University. Coordinator of Secondary Guidance, Santa Barbara City Schools, California.
- Lillian M. Bloomer.....Education
Associate Professor of Education; B.A. (Ed.); M.A., Ohio State University.
- J. Wesley Crum.....Education
Dean of Instruction and Professor of Education; B.S., Seattle Pacific College; M.S., Ph.D., University of Washington.
- Clifford A. Erickson.....Education
Visiting Instructor in Education; B.S., Lewis Institute, Chicago; M.Ed., Central Washington College of Education; Graduate Student, University of Chicago. Director of Guidance, Yakima Public Schools.
- Ed K. Erickson.....Education
Visiting Instructor in Education; B.A., B.Ed., M.A., State College of Washington. Superintendent of Schools, Ellensburg.
- Jettye Fern Grant.....Education
Visiting Instructor in Education; B.S., Southeastern State College, Durant, Oklahoma; M.S., University of Southern California; Graduate Student, San Francisco State College, University of Southern California and University of California. Supervisor, General Elementary and Kindergarten Instruction, Berkeley Public Schools, Berkeley, California.
- Helen S. Grayum.....Remedial Education
Visiting Instructor in Education; B.A., State Teachers College, Chadron, Nebraska; M.A., State University of Iowa; Ph.D., Indiana University. Curriculum Consultant, Seattle Public Schools.
- Lois Hammill.....Education
Assistant Professor of Education; B.A., (Ed.), Central Washington College of Education; M.A., Colorado State College of Education.
- Amanda K. Hebel.....Education
Professor of Education; B.A., M.A., Teachers College, Columbia University; Ed.M., Michigan State Normal College; Graduate Student, University of Southern California.
- Alexander H. Howard, Jr.....Education
Associate Professor of Education; B.A., (Ed), Central Washington College of Education; A.M., Ph.D., University of Chicago.
- Eldon E. Jacobsen.....Psychology
Associate Professor of Psychology; B.S., M.S., Utah State Agricultural College; Ph.D., University of Washington.
- Lester A. Kirkendall.....Education
Visiting Instructor in Education; B.S., Kansas State; M.A., Ph.D., Columbia University. Professor of Family Life, Oregon State College.
- Maurice McGlasson.....Education
Associate Professor of Education; A.B., DePauw University; A.M., Ed.D., Indiana University.
- Leo E. Milanowski.....Education
Visiting Instructor in Driver Education; B.A. (Ed.), Central Washington College of Education. Instructor in Centralia High School and Centralia Junior College.
- Donald J. Murphy.....Education
Assistant Professor of Education; B.A., Whitewater State Teachers College, Whitewater, Wisconsin; M.A., Ph.D., University of Iowa.

- Ernest L. Muzzall..... Education
Director of Graduate Studies and Professor of Education; B.A., M.A.,
State College of Washington; Ed.D., Stanford University.
- Gertrude Noar Education
Visiting Instructor in Education; B.S., M.A., University of Pennsyl-
vania; Graduate Student, Columbia University, University of
Chicago, Pennsylvania State College, Oxford University.
Director, Department of Education, Anti-Defamation
League of B'nai B'rith, New York.
- Dan L. Oppleman..... Philosophy and Education
Associate Professor of Education; B.A., Lynchburg College, Lynch-
burg, Virginia; M.A., Ph.D., George Peabody College for Teachers.
- William L. Patty..... Psychology
Visiting Instructor in Psychology; B.A., University of Washington;
M.A., Teachers College, Columbia University; Ph.D., Columbia
University, Professor of Psychology, Los Angeles City College.
- Delbert Peterson..... Special Education
Visiting Instructor in Education; B.A. (Ed.), Western Washington Col-
lege of Education; M.A., Teachers College, Columbia University;
Graduate Student, Teachers College, Columbia University and
Central Washington College of Education. Principal,
Sunnydale School, Highline Public Schools, Seattle.
- Roy F. Reubel..... Education
Associate Professor of Education; B.S., Buena Vista College, Iowa;
M.A., Ed.D., University of Wyoming.
- Emil E. Samuelson..... Education
Dean of Students and Professor of Education; B.A., Milton College,
Milton, Wisconsin; M.A., Ph.D., University of Wisconsin; Post-
doctoral Student, Teachers College, Columbia University.
- David L. Shepherd..... Education
Visiting Instructor in Education; B.S. (Ed.), State Teachers College,
Towson, Maryland; M.A., Ed.D., Teachers College, Columbia
University. Secondary School Reading Consultant, Norwalk
Public Schools, Norwalk, Connecticut.
- Ada Shockley Education
Assistant Professor of Education; B.A. (Ed.), M.Ed., Central
Washington College of Education.
- Mary I. Simpson..... Education
Associate Professor of Education; A.B., A.M., Colorado State College
of Education; Graduate Student, Teachers College,
Columbia University.
- T. Dean Stinson..... Education
Dean of Men and Associate Professor of Education; B.S., M.Ed.,
Colorado A and M; Ed.D., Colorado State College of Education.
- Donald H. Thompson..... Education
Professor of Education; B.A., Whitman College; M.A., Stanford Uni-
versity; Graduate Student, University of California, University
of Oregon and Teachers College, Columbia University.
- Donald M. Tower..... Education
Visiting Instructor in Education; B.S., M.A., State University of New
York, Albany; Ph.D., New York University. President, State
University Teachers College, Brockport, New York.
- LeRoy D. Weber..... Education
Visiting Instructor in Education; B.A. (Ed.), Central Washington
College of Education; M.A., Stanford University; Graduate Student,
University of Washington, University High School, University
of Hawaii, Honolulu.
- Mildred White Education
Assistant Professor of Education; B.A. (Ed.), M.Ed., Central
Washington College of Education.
- Ruth L. Woods..... Education
Assistant Professor of Education; B.A. (Ed.), M.Ed., Central
Washington College of Education.

FINE AND INDUSTRIAL ARTS

- Reino Randall Fine Art
Associate Professor of Fine Art; B.A. (Ed.), Central Washington College of Education; M.A., Teachers College, Columbia University; Graduate Student, Chicago Art Institute, University of Oregon and Teachers College, Columbia University.
- George L. Sogge Industrial Art
Associate Professor of Industrial Art; B.S., Stout Institute; M.A., Ohio State University; Graduate Student, University of Washington and Cranbrook Academy of Art.
- Frederick Carlton Ball Industrial Art
Visiting Instructor in Industrial Art; A.B., M.A., University of Southern California; Graduate Student, University of California and Alfred University, Alfred, New York. Associate Professor of Fine Art, University of Southern Illinois.
- Sabin H. Gray Fine Art
Assistant Professor of Fine Art; A.B., Fresno State College; M.A., Teachers College, Columbia University; Graduate Student, University of Michoacan, Mexico, and San Diego State College.
- Richard B. Reinholtz Fine Art
Assistant Professor of Fine Art; B.S., M.Ed., University of Minnesota. Graduate Student, University of Minnesota.
- Vernon Siegner Industrial Art
Visiting Instructor in Industrial Art; B.A., Central Washington College of Education; M.S., Oregon State College; Graduate Student, Bradley University. Sharples Junior High School, Seattle.
- Edna M. Spurgeon Fine Art
Associate Professor of Fine Art; B.A., M.A., State University of Iowa; Graduate Student, Harvard University and Grand Central School of Art, New York.

HEALTH, PHYSICAL EDUCATION AND RECREATION

- Leo S. Nicholson Physical Education
Professor of Physical Education; L.L.B., University of Washington; Graduate Student, University of Washington, University of Michigan, University of Southern California and Teachers College, Columbia University,
- Vera H. Badorek Physical Education
Instructor in Physical Education; B.S., M.S., University of Oregon.
- M. Lorraine Flower Physical Education
Instructor in Physical Education; B.A., M.S., University of Washington.
- Edwin S. Henderson Physical Education
Visiting Instructor in Physical Education, B.A., B.E., State College of Washington. Consultant in Physical Education, Spokane Public Schools.
- Linwood E. Reynolds Physical Education
Assistant Professor of Physical Education; B.A., University of Montana; M.A., Stanford University; Graduate Student, University of Washington, University of Montana and Los Angeles City College.
- Warren R. Tappin Physical Education
Assistant Professor of Physical Education; A.B., University of Massachusetts; M.Ed., Boston University; Graduate Student, University of Washington.

HOME ECONOMICS

- Helen M. Michaelsen.....Home Economics
Associate Professor of Home Economics; B.S., M.S., University of
Washington; Graduate Student, Iowa State College,
and University of Minnesota.
- Jeannette H. Ware.....Home Economics
Assistant Professor of Home Economics; B.S., University of
Washington; M.S., Teachers College, Columbia University.

LANGUAGE, LITERATURE AND SPEECH

- Lyman M. Partridge.....Speech
Professor of Speech; A.B., Brigham Young University; M.A.,
Columbia University; Ph.D., University of Michigan.
- Herbert L. Anshutz.....English
Associate Professor of English; B.A., Ph.D., University of Washington.
- Annette Hitchcock.....English
Associate Professor of English and Dean of Women; B.A., University
of North Dakota; M.A., Teachers College, Columbia University;
Graduate Student, Columbia University.
- Mary E. Mathewson.....English
Assistant Professor of English; A.B., Smith College; M.A., University
of Colorado; Graduate Student, Northwestern University
and University of Michigan.
- Sidnie Davies Mundy.....English
Assistant Professor of English; B.A., Ripon College, Ripon, Wiscon-
sin; M.A., University of Washington; Graduate Student,
University of Washington.
- Keith Rinehart.....English
Assistant Professor of English; B.A., M.A., University of Oregon;
Ph.D., University of Wisconsin.

MUSIC

- Wayne S. Hertz.....Music
Professor of Music; B.S. (Mus.Ed.), University of Illinois; M.M.,
Northwestern University; Graduate Student, New York University.
- Raymond Bauer.....Piano
Assistant Professor of Music; B.A., University of Nebraska; B.M.,
M.M., Eastman School of Music.
- A. Bert Christianson.....Band
Associate Professor of Music; B.S. (Ed.), University of North Dakota;
M.A. (Mus.Ed.), University of Idaho.
- Eugene Jones.....Voice
Assistant Professor of Music; B.S., Southwest Missouri State College;
M.M., Eastman School of Music; Graduate Student, San
Francisco State and Fresno State College.
- G. Russell Ross.....Music Education
Assistant Professor of Music; B.M., Morningside College; M.S.,
Northwestern University; D.M.Ed., Chicago Musical College.
- Margaret E. Scruggs.....Music Education
Assistant Professor of Music; B.S., Oberlin College;
M.M., Northwestern University.

SCIENCE AND MATHEMATICS

- George F. Beck.....Geology
Professor of Geology; B.S., State College of Washington; M.S.,
University of Washington; Graduate Student, University of California.
- Janet M. Lowe.....Biological Science
Assistant Professor of Biological Science; B.S., University of Washington;
S.M., University of Chicago; Graduate Student, University of
Chicago and University of Minnesota.
- Marshall W. Mayberry.....Botany
Associate Professor of Botany; A.B., Washburn University; M.A.,
Ph.D., University of Kansas.
- Bernard E. Michals.....Science Education
Assistant Professor of Science; A.B., M.A., Colorado State College
of Education; Graduate Student, Stanford University.
- Wilfred W. Newschwander.....Chemistry
Associate Professor of Chemistry; B.A., Whitman College; Ph.D.,
University of Washington; Post-doctoral Student, University of
California.

THE SOCIAL SCIENCES

- Harold S. Williams.....Economics
Professor of Economics; B.A., M.A., Ph.D., State University of Iowa.
- George C. Fetter.....Sociology
Associate Professor of Sociology; A.B., Hamilton College, Clinton,
New York; M.A., Ph.D., Cornell University.
- Martin Kaatz.....Geography
Assistant Professor of Geography; A.B., A.M., Ph.D., University of
Michigan.
- Eugene J. Kosy.....Business Education
Associate Professor of Business Education; B.E., State Teachers College,
Whitewater, Wisconsin; M.A., University of Minnesota; Graduate Student,
Northwestern University, and University of Wisconsin.
- Malcolm A. Murray.....Geography
Visiting Instructor in Geography; B.A., University of Western Ontario;
M.A., Ph.D., Syracuse University. Department of Geography,
Miami University, Oxford, Ohio.
- Elwyn H. Odell.....Political Science
Associate Professor of Political Science; A.B., Albion College; Ph.D.,
University of Southern California.
- Floyd H. Rodine.....History
Assistant Professor of History; B.A., Gustavus Adolphus College;
M.A., Ph.D., University of Nebraska.
- Alva E. Treadwell.....Business Education
Associate Professor of Business Education; B.A., M.A., State College
of Washington; C.P.A.
- Donald F. Warner.....History
Visiting Instructor in History; B.A., M.A., University of Minnesota;
Ph.D., Yale University. Professor of History, Macalester College.

AIR SCIENCE

- James L. Muller.....Professor of Air Science
Lieutenant Colonel, United States Air Force.
- Ray J. Schwendiman.....Assistant Professor of Air Science
Major, United States Air Force.
- Edward W. Tarrant.....Assistant Professor of Air Science
Captain, United States Air Force.
- William V. Williams.....Assistant Professor of Air Science
Captain, United States Air Force.
- Kenneth F. Cravens.....Assistant Professor of Air Science
Captain, United States Air Force.

LIBRARY STAFF

- Margaret S. Mount.....Librarian
 Librarian; B.A., Macalester College; Library Certificate, University of California; Graduate Student, Columbia University.
- John P. Allen.....Assistant General Librarian
 Assistant General Librarian; B.A., M. Lib., University of Washington.
- Mary G. Greene.....Catalog Librarian
 Catalog Librarian; A.B., Kansas Wesleyan University; M.A., Radcliffe College; B.S. in L.S., University of Denver; Graduate Student, University of Colorado.
- Beatrice Haan.....Circulation Librarian
 Circulation Librarian; B.A. (Ed.), Central Washington College of Education; M.A. in L.S., University of Denver.
- Kathryn Senner.....Children's Librarian
 Children's Librarian; A.B., Augustana College; M.A., University of Colorado; M.A. in L.S., University of Denver.
- Clifford Wolfsehr.....Reference Librarian
 Reference Librarian; B.A., Linfield College; M.A., State College of Washington; M.A. in L.S., University of Minnesota; Graduate Student, University of Minnesota.

COLLEGE ELEMENTARY SCHOOL

- Amanda K. Hebeler.....Director of College Elementary School
 Professor of Education; B.A., M.A., Teachers College, Columbia University; Ed.M., Michigan State Normal College; Graduate Student, University of Southern California.
- Lois H. Nickel.....Kindergarten
 Visiting Instructor in Education; B.A. (Ed.), M.Ed., Central Washington College of Education. Kindergarten Instructor, Ellensburg Public Schools.
- Dorothy Jack.....First Grade
 Visiting Instructor in Education; B.S., University of Nebraska; Graduate Student, University of Washington and Vassar College. Vice-Principal, Genesee Hill Elementary School, Seattle.
- Mildred White.....Second and Third Grades
 Assistant Professor of Education; B.A. (Ed.), M.Ed., Central Washington College of Education.
- Jettye Fern Grant.....Third and Fourth Grades
 Visiting Instructor in Education; B.S., Southeastern State College, Durant, Oklahoma; M.S., University of Southern California; Graduate Student, San Francisco State College, University of Southern California, and University of California. Supervisor, General Elementary and Kindergarten Instruction, Berkeley Public Schools, Berkeley, California.
- Alma Read.....Fifth and Sixth Grades
 Visiting Instructor in Education. Elementary Teacher, McMicken Heights Elementary School, Highline Public Schools, Seattle.
- Helen S. Grayum.....Remedial Reading Room
 Visiting Instructor in Education; B.A., State Teachers College, Chadron, Nebraska; M.A., State University of Iowa; Ph.D., Indiana University. Curriculum Consultant, Seattle Public Schools.

FACULTY COMMITTEES FOR 1955-56

The President is ex-officio a member of all committees

Academic Affairs—President McConnell, Miss Bullard, Mr. Crum, Miss Hebel, Mr. Hertz, Mr. Hogue, Mr. Lind, Miss Michaelson, Mr. Mitchell, Col. Muller, Mr. Nicholson, Mr. Pettit, Mr. Rogel, Mr. Samuelson, Mr. Williams.

Administrative Council—President McConnell, Mr. Courson, Mr. Crum, Mr. Mitchell, Mr. Muzzall, Mr. Rogel, Mr. Samuelson.

Admissions, Matriculation and Graduation—Mr. Crum, Mr. Beck, Mr. Mitchell, Mr. Rogel.

Assemblies and Programs—Mr. Crum, Mr. Hertz, Mr. Howell, Mr. Ladd, Mr. A. Thompson, A.W.S. President, S.G.A. President.

Athletics—Mr. Courson, Mr. Howard, Mr. Mayberry, Mr. Mitchell, Mr. Nicholson, Mr. Odell, Mr. Robinson, Mr. Wolfsehr, S.G.A. President, Two Student Council Members.

Campus Parking—Mr. Stinson, Mr. Courson, Mr. Fetter, Mr. R. Johnson, three student representatives.

Commencement—Mr. Mayberry, Mr. Bakke, Mr. Bauer, Mr. Mitchell, Mrs. Morgan, Mr. Rinehart, Mr. Wolfsehr.

Faculty Council—Mr. Howard, Mr. Anshutz, Miss Dean, Mr. Funderburk, Mr. Jacobsen, Miss Lowe, Mr. McGlasson, Mr. Oppleman, Mr. Robinson, Mr. Sogge, Mr. Wolfsehr.

Faculty Courtesy—Mr. Mayberry, Mr. Fuller, Mrs. Mundy, Mr. Newschwander, Miss Ware.

Faculty Lounge—Miss Dean, Mr. Anshutz, Miss Gould, Mrs. Morgan, Mr. Sogge.

Graduate Assistantships—Mr. Crum, Mr. McGlasson, Mr. Muzzall, Mr. Partridge.

Graduate Study—Mr. Muzzall, Miss Bullard, Mr. Crum, Mr. Hertz, Mr. Lind, Miss Miller, Mr. Pettit, Mr. Williams.

Library and Teaching Aids—Mr. Funderburk, Mr. Howard, Miss Mount, Mr. Ross, Mr. Ruebel.

Memorials—Miss Hebel, Miss Anderson, Mr. Barto, Miss Mount, Mr. Randall.

Newsletter—Mr. Rogel, Miss Anderson, Miss Dean, Mr. Eickhoff, Mr. Randall, Mr. Reynolds, Miss Shuck.

Publications—Miss Wiley, Mr. Mitchell, Campus Crier Editor, Hyakem Editor, Student Representative.

Scholarships—Mr. Rogel, Miss Dean, Mr. Lundberg, Miss Simpson, Mr. Sogge.

Student Activity Advisors—Athletics, Mr. Nicholson; Budget and Accounting, Mr. Courson; Campus Crier, Miss Wiley; Dramatic, Mr. Howell; Hyakem, Miss Wiley; Music, Mr. Hertz; Social Affairs, Mrs. Hitchcock; Women's Athletics, Mrs. Cheska.

Student Employment—Mr. Courson, Mrs. Hitchcock, Mrs. Shelton, Mr. Stinson.

Student-Faculty Coordination and Planning Board—Mr. Samuelson, Mr. Courson, Mrs. Hitchcock, Mr. Jacobsen, Miss Lembesis, President McConnell, Mr. Michals, Mr. Mitchell, Mr. Stinson, Ten Student Representatives.

Student Health—Mr. Samuelson, Mrs. Cheska, Miss Miller, Mr. Nicholson, Mrs. Taylor, Dr. Grose.

Student Loan—Mr. Partridge, Mr. Courson, Miss Davies, Mrs. Hitchcock, Mr. Tappin.

Student Personnel—Mr. Samuelson, Miss Hebeler, Mrs. Hitchcock, Mr. Mitchell, Mr. Stinson.

Student Teaching—Mr. Pettit, Miss Hebeler, Mr. McGlasson.

Union Board—Mr. Stinson, Mrs. Hitchcock, Miss Lowe, Five Student Representatives.

SUMMER SESSION—1956

Pre-Registration for Graduate Students.

For the convenience of those graduate students who wish to confer with members of the graduate faculty concerning their summer programs the offices of the Director of Graduate Study, the Registrar and Graduate advisers will be open from 9 a. m. to 3 p. m., Saturday, May 19. The office of the Business Manager will close one hour later. For those who are unable to pre-register regular registration will be held on June 18.

SPECIAL FEATURES

EDUCATION 440 R.EI. WORKSHOP, READING IN ELEMENTARY SCHOOLS. June 19 through June 29 (including Saturday, June 23).

This workshop in reading for elementary school teachers, is designed for experienced teachers, principals, and curriculum directors who are interested in developing an improved reading program.

Students in this workshop will be afforded opportunities to study various aspects of the reading programs. It is hoped that students will desire to pursue problems of real interest to their classroom teaching and to their school district.

Miss Lois Hammill, assistant professor of education at Central Washington College of Education, will be the coordinator. She will be assisted by Miss Ada Shockley, assistant professor of education at Central. 1:00 p. m. to 4:30 p. m. daily. Students will be expected to spend at least an additional 1½ hours per day during the morning in individual or group activity. The workshop will have ten sessions, will start on Tuesday, June 19 and will meet Saturday, June 23. Three credits.

EDUCATION 440 C.I. WORKSHOP, CURRICULUM IMPROVEMENT. June 19 through June 29 (including Saturday, June 23).

This workshop will emphasize the needs, trends, procedures, and techniques in curriculum improvement in the elementary and junior high schools. It will assist teachers and administrators in their endeavors to present new and improved learning situations. Various aspects of the elementary school curriculum will be studied. Special attention will be given to the processes by which the junior high school can move into a functional curriculum that meets the needs of early adolescence and build on the base of a sound elementary school program.

The need for reviewing, revising and replanning the school curriculum is a continuous one. Society continues to present new problems and new challenges for youth. The schools, in order to help these children and young people meet these challenges, must continually study their programs in an effort to develop better learning experiences. This workshop will assist in this process.

Dr. Walter Anderson, professor of education at New York University and past president of the Association for Supervision and Curriculum Development, will be the workshop director. He is well known for his leadership and publications in the curriculum area. The workshop will meet daily from 1:00 p. m. to 4:30 p. m. Students will be expected to spend at least an additional 1½ hours per day during the morning in individual or group activity. Three credits.

EDUCATION 440 S. WORKSHOP, SCIENCE EDUCATION, June 19 through July 18.

As a dominant feature of today's life, science has its place in the school curriculum at all grade levels. Today's pupil will see to the integration of science into his day's program if the teacher doesn't! A result of this development is a myriad of interesting and challenging problems in course content, techniques, and selection of materials for class use in science areas.

Teachers are invited to work out their own problems in these areas and to share the experiences of other teachers by enrolling in Education 440S this summer. This workshop will feature excellent laboratory equipment and library facilities, and experienced and understanding direction by specialists in science education.

The 4½ week workshop will have the guidance of Mr. Bernard E. Michals, assistant professor of science at Central Washington College of Education, who will be the director. 1:00 p. m. to 3:10 p. m. daily. Three credits.

COMMERCIAL EDUCATION 440 F.S. WORKSHOP, PERSONAL AND FAMILY FINANCIAL SECURITY EDUCATION. June 19 through July 18.

The workshop in Personal and Family Financial Security Education is designed to provide the individual participant with background information in four major areas which will be of value to him in everyday living as well as in his teaching or administrative position.

The area of basic economics will present aspects of our current economy as they affect the individual's financial security, for example, The Cost of Living Index and how interest rates are determined.

The insurance area will provide facts and information relative to most phases and types of insurance with a major emphasis on life, automobile, and socially provided insurance such as Social Security.

Discussions in family economics will delve into such areas as planned income and expenditures, credit, income tax, and increasing financial security through better utilization of income.

The area of investments other than insurance will provide information on investments of various types. Credit unions, the operation of our banking system, wills, estate planning, and real estate problems will be studied as they affect our personal and family financial security.

In addition to the opportunity to receive such information on financial security, the individuals will be expected to develop some type of project either in the form of a teaching unit, resource unit, teaching aid, or some distinct problem facing him for personal solution.

A unique feature of this workshop will be the extensive use of experienced professional and business consultants from the business world in addition to outstanding educators in specialized fields. Field trips to financial institutions will be conducted and opportunities will be provided for individual consultation in an effort to solve individual problems.

Mr. Eugene Kosy, associate professor of business education at Central, will be the workshop coordinator. The workshop will meet daily 9:50 a. m. until 12:00 noon and from 1:00 p. m. until 2:00 p. m. Five credits.

MUSIC 440 M.Ed. WORKSHOP, MUSIC EDUCATION. June 19 through July 18.

This workshop is being designed for those who teach music in the elementary and junior high schools, with special attention to the regular classroom teacher. The intent of the workshop is to offer help

to the elementary music program through the classroom teacher, the music specialist, and the music consultant.

Special attention will be given to the self-contained classroom situation. Many room teachers find themselves inadequate to the situation of teaching their own music. The director is well qualified to give aids and suggestions to the classroom teacher. The music consultant will secure valuable help in ways of treating the self-contained classroom program.

The workshop director will be Miss Margaret Scruggs, specialist in elementary music education at Central. Miss Scruggs brings to the workshop invaluable years of experience as an elementary classroom music teacher, music consultant, supervisor of student teachers and teacher of elementary methods.

The workshop is open to classroom teachers, music teachers, principals, superintendents, and others interested in the school music program. 9:50 a. m. to 12 noon daily. Three credits.

EDUCATION 440 R. Sec. WORKSHOP, READING IN SECONDARY SCHOOLS. July 2 through July 13 (including Saturday, July 7).

This workshop in the teaching of reading in secondary schools is designed for experienced teachers, principals, and curriculum directors who are interested in developing an improved reading program in grades 7, 8, 9, 10, 11 and 12.

Students in this workshop will be afforded opportunities to study the development, remedial, and various other aspects of reading programs. Particular emphasis will be placed on techniques and methods of developing reading skills in various subject matter areas on the secondary level. It is hoped that students will desire to pursue problems of real interest to their classroom teaching and to their school district.

Dr. David L. Shepherd, who is secondary school reading consultant for the public schools in Norwalk, Connecticut, will be the coordinator. He is well known for his work and publications in this field. The workshop will meet daily from 1:00 p. m. to 4:30 p. m. Students will be expected to spend at least an additional 1½ hours per day during the morning in individual or group activity. Three credits.

EDUCATION 440 J. H. WORKSHOP, THE JUNIOR HIGH SCHOOL. July 9 through July 19. (including Saturday, July 14).

Probably no portion of the public school system has as much difficulty in determining its objectives, developing a functional curriculum, finding effective organizational patterns and establishing desirable administrative policies as has the junior high school. The development and organization of a curriculum, which continues the learning processes of the elementary school and gradually makes the transition to those of the senior high school, present many complex problems.

This workshop will give consideration to the ways in which the junior high school can provide better learning experiences, more effective cocurricular (extraclass) activities, and better opportunities for adjustment. Particular attention will be given to identifying the unique qualities and characteristics of junior high school youth and to a curriculum which will meet these unique needs. An attempt will be made to show how the junior high school can develop its own distinctive program rather than being either an over grown elementary school or a scaled down senior high school.

Miss Gertrude Noar, a well known national leader in junior high school education and author of **The Junior High School—Today and Tomorrow**, will be the workshop coordinator.

The workshops will have ten sessions, will start on July 9, will meet on Saturday, July 14, and will close on July 19. 1:00 p. m. to 4:30 p. m. Students will be expected to spend at least an additional 1½ hours per day during the morning in individual or group activity. Three credits.

EDUCATION 440 Dr. WORKSHOP, DRIVER EDUCATION. July 19 through August 17.

This is a workshop to prepare teachers to handle driver education programs in the public schools. A car designed for this purpose will be made available to the members of the workshop group. This course will concern itself with driver education as related to classroom instruction and driver training or behind-the-wheel practice.

Mr. Leo Milanowski of the Centralia Public Schools will direct this workshop. The workshop will meet daily from 2:10 p. m. until 4:20 p. m. Three credits.

MUSIC 440 B. BAND CLINIC. July 19 through August 17.

The Band Clinic this year is being scheduled as a regular class in the last half of the summer session.

Bert Christianson, Central's band director, will have charge of the Band Clinic, with special assists from other members of the music faculty. Areas to be covered include: The band rehearsal, band administration, selection of music, conducting, the marching band, football pageantry, etc. Special attention will be given to the various sections of the band: Woodwind, brass and percussion instruments.

The clinic will meet daily from 9:50 a. m. until 12:00 noon. Three credits.

EDUCATION 440 F.L. WORKSHOP, FAMILY LIFE EDUCATION. July 23 through August 3.

Family Life Education Workshop is designed for classroom teachers of all grade levels, school administrators, educational supervisors, curriculum directors, church school leaders, Parent-Teacher Association workers, youth organization leaders, parents and others interested in helping children and youth acquire the understandings, attitudes, knowledge and skills necessary for successful family living.

Workshop participants will be afforded the opportunity to become acquainted with the many phases of family life education and to explore more fully the areas in which they have a particular interest or need. Some of the topics which might be explored include: parent-child relationships, sibling relationships, the family council, the problems of youth, problems of dating and courtship, masculine-feminine viewpoints, sex education, family finance, family security, factors which strengthen or weaken family ties, the appropriate age levels for teaching the various aspects of family life education, sound approaches to teaching family life education, materials (books, films, etc.) for use in teaching in this area, and the place of the home, church, school and other agencies or organizations in family life education.

Dr. Lester A. Kirkendall, Associate Professor of Family Life Education, Oregon State College, will be the coordinator of this workshop. Dr. Kirkendall is one of the outstanding nationally known leaders in family life education. Before joining the staff of Oregon State College, Dr. Kirkendall served as Director of the Association for Family Living, Chicago; Senior Specialist in Health Education, U. S. Office of Education; Head, Division of Guidance, College of Education, University of Oklahoma; and Chairman, National Committee on Education for Marriage and Family Life in the Schools, National Council on Family Relations.

This workshop will be of interest to those who work with children or youth of any age level. It is hoped that some communities can be represented by teams of teachers, Parent-Teacher representatives, youth organization leaders, etc. 1:00 p. m. to 4:30 p. m. daily. Students will be expected to spend at least an additional 1½ hours per day during the morning in individual or group activity. Three credits..

EDUCATION 440 S.B. WORKSHOP, SCHOOL BUILDING PLANNING. July 23 through August 3.

This workshop will emphasize practical approaches to the problems of school building planning. Consideration will be given to site selection, type of construction, building materials, space allotments, cost factors, heating, lighting, maintenance, equipment, landscaping, safety, and other important topics.

Participants will have opportunities to visit the new Ellensburg Senior High School and other school plants. Equipment will be on display. Good maintenance procedures will be demonstrated.

The workshop will be directed by Edward K. Erickson, superintendent of the Ellensburg Public Schools. Members of the State Department of Public Instruction, architects, engineers, school administrators and other specialized consultants will make valuable contributions to the workshop program. This will insure a broad, well balanced, practical picture of providing educational facilities for today's youth.

The workshop will meet from 8:40 a. m. to 12:00 noon and from 1:30 p. m. to 3:00 p. m. daily. Three credits.

PHYSICAL EDUCATION 440 Rh. WORKSHOP, THE RHYTHMS PROGRAM. July 23 through August 3.

This workshop is designed to give the classroom teacher, supervisor and administrator a working confidence in rhythmic activities for the various school levels. Special attention will be given to creative development and expression through locomotor and non-locomotor movements, dramatization, creative rhythmic, singing games, traditional dance skills, folk dances and social dance.

Mr. Edwin "Red" Henderson, consultant in physical education for the Spokane Public Schools, will conduct the workshop. Mr. Henderson is a nationally known authority for his contributions in rhythmic and for the development of the outstanding rhythmic program in Spokane.

The workshop will meet daily from 1:00 p. m. until 4:30 p. m. Students will be expected to spend at least an additional 1½ hours per day during the morning on individual or group activity. Three credits.

EDUCATION 440 C. Ch. WORKSHOP, THE CRIPPLED CHILD. July 23 through August 3.

This workshop is designed to prepare teachers to participate as camp counselors or leaders in a camping and outdoor education program for crippled children. This workshop and the camp which follows it are jointly sponsored by the Central Washington College of Education and the Washington Society for Crippled Children and Adults. **This course is a prerequisite for Education 440 CCC, Camping Education for Crippled Children.**

Special attention will be given to the psychology of the crippled child and to the arts, crafts, music, therapy, games and activities for the crippled. This is the second time this program has been offered on this campus. The workshop participants will meet daily from 8:40 a. m. to 12:00 noon and from 1:30 p. m. to 4:00 p. m. Four credits.

EDUCATION 440 C.C.C. WORKSHOP, CAMPING EDUCATION FOR CRIPPLED CHILDREN. August 6 through August 20.

This course provides professional laboratory experiences in the area of camping and outdoor education for crippled children. It offers teachers an opportunity to live with, work with, teach, counsel and enjoy crippled children in a camping and outdoor education program. College students enrolled in this course will act as camp counselors for small groups of crippled children and will thus learn to apply the techniques and understanding gained in the **Workshop, The Crippled Child**. Students will live with the children at Camp Illahee (the Camp Fire Girls camp) in the Taneum Canyon west of Ellensburg. Persons trained in special areas of camping and working with crippled children will be selected to work on the Camp staff. This camping program is jointly sponsored by the Central Washington College of Education and the Washington Society for Crippled Children and Adults. **Education 440 C. Ch., Workshop, The Crippled Child, is a prerequisite for this course.** Four credits.

EDUCATION 440 Gi. Ch. WORKSHOP, THE GIFTED CHILD. August 6 through August 17.

This workshop will deal with the methods and techniques the classroom teacher may use in better providing for the gifted child. Teachers, administrators, and curriculum directors are invited to work out their own problems in this area under the supervision of Dr. Willard Abraham, who is Professor of Education, Arizona State College. Special emphasis will be given to adapting the classroom curriculum and methods to the needs of the gifted child so that he will be able to grow in relation to his own capacities. This workshop is indeed fortunate in having Dr. Willard Abraham, nationally known leader and teacher in the education of the gifted. The workshop is scheduled to meet from 1:00 p. m. to 4:30 p. m. daily. Students will be expected to spend at least an additional 1½ hours per day during the morning in individual or group activity. Three credits.

EDUCATION 440 C.I.P. WORKSHOP, TEACHING CONTROVERSIAL ISSUES AND CONTEMPORARY PROBLEMS. August 6 through August 17.

A democratic way of life recognizes that controversial issues and contemporary problems are always present and provides the means by which they can be resolved. The public school is the chief agency for the development of the skills necessary for effective living in this type of society. Consequently, the schools are faced with the task of preparing students for facing controversial issues and contemporary problems in daily life. How can this best be done?

This workshop will provide opportunities for teachers, supervisors and administrators to investigate the various problems in the teaching of controversial issues and contemporary problems. It will be of major interest to those working on the intermediate, junior high, senior high and junior college levels. Social studies teachers will find it very helpful. This workshop will provide a sound base from which to work in meeting the "Contemporary World Problems" requirement in Washington's high schools. The workshop will consider such topics as the importance of teaching controversial issues, the need for a stated policy, acceptable working policies, issues appropriate for classroom instruction, the part the teacher plays, techniques for handling controversial issues, instructional materials, and the problem solving method.

Chester Babcock, director of curriculum for the Seattle Public Schools, will direct the study. Mr. Babcock is recognized nationally for his work in the problems approach to teaching. 1:00 p. m. to 4:30

p. m. daily. Students will be expected to spend at least an additional 1½ hours per day during the morning on individual or group activities. Three credits.

EDUCATION 440 C.O.E. (1), or (3). WORKSHOP, CONSERVATION AND OUTDOOR EDUCATION—BEGINNING, August 12 through August 18 or August 19 through August 25.

EDUCATION 440 C.O.E. (2) or (4). WORKSHOP, CONSERVATION AND OUTDOOR EDUCATION—ADVANCED, August 12 through August 18 or August 19 through August 25.

The Conservation and Outdoor Education Workshops will be held at the Rustic Inn high in the Cascade Mountains on the east side of Snoqualmie Pass. It is conducted by the Central Washington College of Education with the cooperation of the State Department of Public Instruction, several school districts interested in conservation and outdoor education, various governmental agencies and commissions (i.e., U. S. Forest Service; U. S. Conservation Service; U. S. Bureau of Reclamation; State Departments of Game, Fisheries, Conservation and Development, and Agriculture; and the State Parks and Recreation Commission), and interested organizations, industries and agencies.

There are two workshop periods. One is scheduled during the last week of the regular summer session on August 12 through August 18. The second is scheduled as a post session offering after the regular summer session closes and will be held on August 19 through 25. The first workshop will be indicated by the number (1) for beginning and (2) for advanced work in conservation and outdoor education. The second will be indicated by the number (3) for beginning and (4) for advanced work.

There are two workshops running concurrently, one for beginners and one for those who have had a previous workshop experience in conservation and outdoor education. Workshop sessions will be held for both beginning and advanced groups during both the August 12-18 and August 19-25 periods. The advanced students must select a different area of conservation for study than was followed in the first or beginning workshop. All students must indicate the major area of conservation being studied on grade cards and registration booklets by placing the word forests, water, minerals, soils, or game in parenthesis after the course title.

The purpose of these workshops is to enable teachers, administrators and interested lay leaders (1) to study natural resources, the conservation of these resources, the interrelatedness of the various conservation programs, and the wise utilization of the resources; (2) to discover the values of living and working together in outdoor education programs; (3) to experience the recreational opportunities connected with outdoor education; and (4) to acquire the knowledge, understandings and skills involved in the operation of a permanent camp.

Workshop participants will have the opportunity of making a first hand study of a selected group of natural resources under the direction of skilled leaders drawn from governmental agencies, industry, agriculture, voluntary organizations, public schools and colleges. The possible resources available for investigation include the following: forestry, timber, wildlife, minerals, soils, crops, reclamation projects, irrigation, power potentials.

Students will have an opportunity of becoming acquainted with a wealth of instructional materials on conservation and outdoor education in the forms of films, slides, books, pamphlets, and other teaching aids.

Trips will be made in private autos or chartered buses from the

Rustic Inn to the locations where various resources and projects can be studied most effectively.

It is hoped that many communities will avail themselves of the opportunity of sending teams composed of teachers, administrators, business or professional leaders, and other laymen.

The course is on a residence credit basis. The second session is scheduled as a post session offering so as to avoid conflict with regular summer session courses.

Miss Janet Lowe of the C.W.C.E. Science Department, will be the director. Other selected college staff members from science, recreation, geography and education will be assistant directors. A large group of consultants will be available from the college, public schools, governmental agencies, industries, and interested organizations.

The costs are as follows: Course Fee—\$20.00; food and lodging for the seven-day period—\$43.26 (single beds). 8:00 a. m. to 12:00 noon; 1 p. m. to 5:00 p. m.; and 7:00 p. m. to 9:00 p. m. daily. Two and one half credits.

PARENTS AND TEACHERS LEADERSHIP CONFERENCE. July 23, 24, 25.

A conference in leadership education for parents and teachers will be sponsored jointly by Central Washington College of Education and the Washington Congress of Parents and Teachers. Daily sessions will be held Monday through Wednesday, July 23, 24, 25. Mr. Clifford Wolfsehr of the C.W.C.E. staff will serve as director of the conference. Mrs. George Bettas, regional vice president of the Washington Congress, will serve as chairman for the P.T.A.

State leaders of the Washington Congress of Parents and Teachers, members of the staff of the State Office of Public Instruction, and C.W.C.E. faculty will serve as leaders and resource personnel for the conference.

The purpose of the conference is to give parents and teachers an opportunity to discuss common problems and to promote better understanding of the school program and of child welfare.

Lectures, panel discussions, committees, buzz sessions, group conferences, and films will be used in developing the theme of the conference.

This conference does not offer college credit. Regular college students enrolled for the summer session may attend at any time without paying an additional fee. All others will pay a registration fee of \$2.00.

Lodging will be available in college dormitories and meals will be served in college dining halls. All costs are payable at the beginning of the conference. Reservations may be made by writing to the conference director.

Costs

Registration fee	\$2.00
Room	1.50 per night

Meal service will be available at the College Commons on a cafeteria basis.

Those planning to attend the conference should notify Mr. Clifford Wolfsehr, Central Washington College of Education, Ellensburg, Washington. For further information write to Mr. Wolfsehr.

ELEMENTARY AND JUNIOR HIGH SCHOOL PRINCIPALS' CONFERENCE, June 26, 27, 28, 29.

The 1956 summer conference is jointly sponsored by The Washington State Elementary and Junior High School Principal's Association, the Office of the State Superintendent of Public Instruction, and the Central Washington College of Education, with Dr. Maurice L.

Pettit as the coordinator. Dr. Walter Anderson, professor of education at New York University and past president of the Association for Supervision and Curriculum Development will be the consultant for the conference. Various public school, state, and college leaders will make special contributions.

The conference will devote the major portion of the time to defining and examining the most recent research concerning the tasks the elementary schools are performing. It will also explore means by which each elementary principal can accomplish some aspects of this evaluation process in his own school.

The details of the program will be developed cooperatively by representatives from the Principals' Association, the State Office, and the College. This program will be in keeping with the four-year study which the Washington State Elementary and Junior High School Principals' Association has underway.

Those wishing to room in a dormitory may do so by paying \$4.50. Meals will be served on a cafeteria basis in the College Commons. For further information write to Dr. Maurice L. Pettit.

GRADUATE CLUB

All students who are doing master's or fifth year work are cordially invited to participate in one of the most popular and valuable activities of the summer session. The purposes of the club are to provide opportunities for students and faculty to become better acquainted and to provide interesting professional and social meetings.

The club will meet each Thursday at 3:20 p. m. except for two luncheon meetings to be held in the Commons Building. The first meeting of the 1956 summer session is scheduled for June 21 in the CES Social Room. This meeting will be an orientation discussion for all graduate students. Other meetings will feature speakers or professional topics of interest to the graduate group. An annual highlight of the summer session is the graduate picnic to be held in the Swauk recreation area. This will be held on July 12.

AUDIO VISUAL EDUCATION PREVIEW PROGRAMS

The Office of Visual Education sponsors "Film Fair" during the Summer Session—a series of preview programs of new instructional films. These programs are presented in the College Elementary School Auditorium from seven to eight o'clock on Tuesday and Thursday evenings. Each evening's presentation is built around selected films in a given curricular or problem area or grade level. The programs are run on an "Open House" principle—everyone is invited to take advantage of this opportunity.

The purpose of these programs is to give teachers on the campus a chance to appraise late releases of films which they might use in their own programs during the school year.

THE COLLEGE ELEMENTARY SCHOOL

The College Elementary School will be in session for the first term June 18 to July 18, for forenoons only, from 9:00-12:00. Classroom groups will include kindergarten, and elementary grades one through six.

Remedial Reading Class. One classroom of the College Elementary School will feature a remedial reading program under the direction of Dr. Helen Grayum. Enrollment will be limited to twelve students. Selection of the children to be enrolled will be made from grades four through eight. Applications for enrollment should be accompanied with recent standardized test data relating to the child's reading ability.

Observation. Summer school students in Education 446, Directed Observation, will have opportunities to observe in any or all of the classrooms of the College Elementary School.

Directed Teaching. A limited number of experienced teachers will be assigned to Education 442, Directed Teaching, 5 credits; Education 546, Advanced Laboratory Experience, 3 credits; or Education 443, Directed Teaching in a Remedial Class, 5 credits. Applications for teaching should be made to the Director of On-Campus Student Teaching. **Education 338, Remedial Reading** is a prerequisite to **Directed Teaching in a Remedial Class**, or it may be taken concurrently with Directed Teaching.

Enrollment of Children. To enroll children in any classroom in the College Elementary School, application must be made in advance to the Director of the College Elementary School. Because enrollment is limited, applications should be in the College Elementary School office before May 1, 1956.

SUMMER RECREATIONAL TOURS

Miss Lorraine Flower, director of summer tours, has announced that four scenic tours have been planned for students attending the 1956 summer session. Definite plans have been made for the following trips:

Ginkgo Petrified Forest, June 23. This trip will include visits to the Ginkgo Petrified Forest State Park and to the museum. Over 236 varieties and 1,500 species of petrified wood have been found in the vicinity of this park. The museum gives a graphic picture of what happened millions of years ago when nature formed the petrified forest.

N. E. A. Convention, Portland, Oregon, July 1, 2, 3, and 4. The National Education Association convention is being held this year in Portland, Oregon, July 1 to 6. In addition to attending this professional conference, an opportunity to see the beauties of the Columbia River Gorge will be afforded. Some points of interest included on the trip will be the Bonneville Dam, The Dalles, Multnomah Falls, and the Maryhill Museum. The tour group will return to Ellensburg in time for classes on July 5.

Roslyn Coal Mines, July 21. Visit the oldest mine in eastern Washington under the guidance of real miners. The pitching seam of a high grade of bituminous coal lies under 550 feet of cover. The trip through this mine in cable cars is an experience many college students in the northwest have found very educational.

Grand Coulee Dam, August 4. The Grand Coulee Dam is the principal engineering feature of the Columbia Basin Project, a combination irrigation and power project. The dam is situated in the deep Columbia River canyon near the head of the Grand Coulee, a geological phenomenon.

Other trips. Interested summer students who may wish to organize other week-end trips may do so by arranging a schedule with Miss Flower. These trips could include such interesting places as Salmon LeSac, Seattle or Puget Sound area (Seattle Seafair festivities are in August), Sun Lakes, Dry Falls, Lake Chelan, Victoria, Mt. Rainier, Priest Rapids, and Yakima fruit orchards.

For other information regarding summer tours, see Miss Flower. Watch campus bulletin boards for detailed plans of tours. A minimum of twenty is needed for each conducted tour. Make plans early to include these in your summer program. The cost of these trips will be determined on a prorated basis.

Individuals wishing to see as much as possible of the Pacific Northwest will find it possible, for Ellensburg is in the geographic center of this great scenic area. Any point of interest in Washington, northern Oregon, northern Idaho, or southern British Columbia, can be visited on a week end trip.

RECREATIONAL FACILITIES IN ELLENSBURG

Riding and Fishing. Delightful riding trips may be had at the various dude ranches near Ellensburg, or pack trails leading to many fishing streams, lakes and mountains of Alpine beauty. Other favorite fishing spots are the Taneum, Swauk and other creeks, or along the Yakima River.

Golf. Ellensburg's 40-acre, nine hole golf course provides much recreation for residents and visitors. Students may make arrangements for summer membership at special rates of \$10.00 per summer.

Swimming. The outdoor swimming pool is also available to the students.

NEW COURSES

Descriptions of all 1956 summer session courses not listed in the 1955-1956 catalogue are given herewith.

EDUCATION, PHILOSOPHY AND PSYCHOLOGY

Ed. 424. Developmental Reading in the Content Fields. 3 credits. This course offers teachers on the secondary school levels specific help in developing reading in the content fields. It provides techniques for presenting learning experiences on the junior and senior high school student's reading level.

Ed. 440 R. EL. Workshop, Reading in Elementary Schools. See section describing workshops.

Ed. 440 C. I. Workshop, Curriculum Improvement. See section describing workshops.

Ed. 440 S. Workshop, Science Education. See section describing workshops.

Ed. 440 R. Sec. Workshop, Reading in Secondary Schools. See section describing workshops.

Ed. 440 J. H. Workshops, The Junior High School. See section describing workshops.

Ed. 440 Dr. Workshop, Driver Education. See section describing workshops.

Ed. 440 F. L. Workshop, Family Life Education. See section describing workshops.

Ed. 440 S. B. Workshop, School Building Planning. See section describing workshops.

Ed. 440 C. Ch. Workshop, The Crippled Child. See section describing workshops.

Ed. 440 C. C. C. Workshop, Camping Education for Crippled Children. See section describing workshops.

Ed. 440 Gi. Ch. Workshop, The Gifted Child. See sections describing workshops.

Ed. 440 C. I. P. Workshop, Teaching Controversial Issues and Contemporary Problems. See section describing workshops.

Ed. 440 C. O. E. (1) and (3). Workshop, Conservation and Outdoor Education—Beginning. See section describing workshops.

Ed. 440 C. O. E. (2) and (4). Workshop, Conservation and Outdoor Education—Advanced. See section describing workshops.

FINE AND INDUSTRIAL ARTS

Art 421. Art Education at the Secondary Level. Three credits. A consideration for the entire art program in grades 7 through 12. The relationship and place of art at the secondary level dealing with the actual planning level of programs, philosophies, objectives and units of work, organization of materials, budget building and methods of teaching.

Art. 422. Art Education for the Elementary School. Three credits. Consideration for the entire elementary school program and how art relates to these areas. Actual planning of the art program from nursery school through junior high, standards for evaluation of a sound art program, how to organize materials for classroom, the school, and the home and the community.

Art. 429. Art Education. Two credits. Basic principles and experiences in art education and its relation to the total curriculum. A course dealing with contemporary art philosophies and the growth and development of art in our schools. It traces the creative and mental growth of children and includes discussions of problems and methods of teaching art.

HEALTH, PHYSICAL EDUCATION AND RECREATION

H. Ed. 518. Health Education in Elementary Schools. Three credits. Organization and presentation of teaching materials based on the health needs of the child and community. The purpose and requirements of the school health service program and the organization and procedure for the school health examination are covered. Students who have had H. Ed. 460 may not receive credit for this course.

H. Ed. 525. Health Education in Secondary Schools. Three credits. Methods, materials, and activities in health instruction for junior and senior high schools. Special emphasis is placed on the construction and development of health teaching units for Washington secondary schools. Students who have had H. Ed. 460 may not receive credit for this course.

H. Ed. 560. Applied Physiology for the Classroom Teacher. Three credits. A practical course designed to draw from physiology and related fields the concepts usable in a classroom or administrative situation. It will cover such problems as care of major and minor injuries; recognition and elimination of tension and fatigue; effects of narcotics, stimulants, and ergogenic aids; determination of work, play, and extra-curricular loads; possibilities and limitations of corrective procedures, suppression of common fads and fallacies; functional nutrition; and related topics.

P. E. 440 Rh. Workshop, The Rhythms Program. See section describing workshops.

LANGUAGE, LITERATURE AND SPEECH

Eng. 482. World Literature. Five credits. An advanced course in world literature in which fewer, complete selections will be read more intensively than is done in English 382.

MUSIC

Mus. 440 M. Ed. Workshop, Music Education. See section describing workshops.

Mus. 440 B. Band Clinic. See section describing workshops.

Mus. 441. Keyboard Harmony and Improvisation. Three credits. Emphasis will be placed on keyboard experience at the piano. Formal and free harmonization of melodies, with study of both pianistic style and four-part vocal style. Improvisation at the piano. This includes study of all types of the 7ths, 9ths augmented 11ths and color chords. Different sonorities and effects will be studied and related to their practical applications.

SCIENCE AND MATHEMATICS

Bot. 363. Plants of Washington. 3 credits. Designed to give the student a knowledge of important kinds of trees and other flowering plants, and a skill in using standard means of identifying them.

Geol. 350. Washington Geology. 3 credits. A short course on the geology of this state. Prerequisite, Science Education 155 or other background in general geology.

Geol. 441. Uranium Geology. 2 credits. Geology of the well-known uranium areas and deposits. Consideration, also, of uranium ore minerals, and methods of staking claims and handling radiation counters.

Math. 441. General Mathematics for Secondary School Teachers. 3 credits. Content and consideration of teaching problems in this area of high school and junior high school mathematics.

Sci. Ed. 370. Demonstrations with Plants. 3 credits. A course designed to help elementary and secondary school teachers plan and present demonstrations that make meaningful the structure and function of plant parts. Use of simple equipment is stressed.

Sci. Ed. 422. Science Problems in Childhood Education. 3 credits. An analysis of problems of teaching science in the elementary school. Particular attention will be given to problem solving at different grade levels, to curriculum construction, and to evaluation of learning in science.

Zool. 375. Biology of Human Organism. 5 credits. A course of study and experience designed to give teachers the basic physiological principles necessary for an understanding of human body processes. Demonstrations, laboratory experience, and audio-visual materials will be integrated with discussion and lectures. Students may not receive credit in both Zool. 375 and Zool. 370.

SOCIAL SCIENCES

C. Ed. 420. Bookkeeping and Accounting Methods. 3 credits. A study of the most recent research and publications in the methods and techniques of teaching bookkeeping including efforts to define the vocational and personal use objectives of bookkeeping instruction. The individual student will have an opportunity to construct teaching or resource units, revitalize present units, and prepare supplementary instructional aids.

C. Ed. 440 F. S. Workshop, Personal and Family Financial Security Education. See section describing workshops.

Soc. 480. Cultural Anthropology. 3 credits. A study of selected primitive peoples (both historical and contemporary) with emphasis on family life, child-rearing, food-getting, religion, and personality characteristics.

Soc. 482. Physical Anthropology. 3 credits. A study of the evolution of man from his earliest known origins to the present. Study will include man's place among the primate forms, fossil man, differentiation into races, and analysis of contemporary races and sub-races.

GENERAL INFORMATION

LOCATION

Ellensburg, a city of seven thousand people, is located in the center of the state. It is served by the main lines of the Milwaukee and Northern Pacific railroads. It is a terminal for the Greyhound Motor Coaches and paved highways connect Ellensburg with all of the major population centers of the Northwest.

ACCREDITATION

The Central Washington College is accredited by the National Council for Accreditation of Teacher Education and the Northwest Association of Secondary and Higher Schools. It is also accredited by all standard universities and colleges in the Northwest. This means that a student may pursue work at this college and the credits earned will be accepted by the other higher institutions either as meeting a portion of the requirements in the institution to which the transcript of record has been issued, or will be accepted by that institution as elective credits. This institution has a reciprocal relationship with other accredited institutions. Credits earned at any of these will be accepted in so far as the work taken articulates with the elements of required curriculum.

Because of the sequence of required professional courses a student who transfers to Central Washington College cannot hope to be certificated in less than four quarters unless a portion of the professional work has been taken elsewhere. In no case can one be certificated to teach in less than three quarters of residence study.

BUILDINGS AND OTHER FACILITIES

The College is well equipped in its facilities for most departments of instruction. It also has excellent residence halls for those who wish to live on the campus, both men and women students. A new commons building and a new men's dormitory were placed in use during the winter quarter of 1952. The new College Union Building, opened in 1952, is providing a valuable student facility. These buildings were financed by the sale of bonds and are self-liquidating.

Outstanding facilities are available to students in art, music, science, drama, and for the observation of teaching in the College Elementary School.

THE LIBRARY

The library contains 65,000 volumes. The main lending collection of books and pamphlets is shelved in a four-tiered stack room. There are the following special collections: The Herbert C. Fish Memorial Library of 3,000 volumes on Pacific Northwest history; exhibit collection of text books; exhibit collection of children's books; a juvenile library of 6,700 volumes housed in the College Elementary School; and, in addition to an extensive file of unbound periodicals, 7,000 volumes of bound magazines.

STUDENT HEALTH SERVICE

The College maintains a complete health service under the direction of the Dean of Students. A full-time registered nurse is avail-

able for consultation and, by special arrangement, the local clinic is available for expert medical service to all students.

A thorough physical examination by the college physician is required of all students during the first quarter residence during the regular college year. Medical advice and office treatment are free to all students. Disease prevention and health education are an essential part of the health service. All students are charged \$1.50 per day during the time they are confined to the infirmary.

EXPENSES

The expenses at Central are kept to the bare minimum. They include the cost of board and room, student fees and personal expenses. All expense items are subject to change.

During the summer term, the fees are assessed in terms of the amount of credit. These fees include such items as Health Service, Library, Laboratory Supplies, Student Government Association fees, a Building fee and a Miscellaneous fee and are payable at registration time as follows:

Fees

5 credits or less.....	\$10.00 plus \$3.00 per credit
Over 5 through 8½ credits..	\$30.50
Over 8½ through 17 credits.	\$36.50
Over 17 credits	\$36.50 plus \$3.00 per extra credit

Audit Fee. Students pay the same fees during the summer session whether they take courses for credit or without credit.

Special Student Fees. Students who register for five hours or less are considered to be special students and should ask for a special student registration booklet. They pay \$10.00 plus \$3.00 per credit (see fee scale above).

Industrial and Fine Arts Materials Tickets. Students registering for industrial arts shop or laboratory classes and certain fine art laboratory classes are required to provide themselves with Art Department Materials Tickets. These come in \$0.50, \$1.00, \$2.50, and \$5.00 denominations and are used to pay for materials used in student projects. Unused portions of these tickets may be redeemed at the Business Office.

Science Breakage and Materials Tickets. Students registering for science laboratory classes are required to provide themselves with Science Department Materials Tickets. These come in \$0.50, \$1.00, and \$2.50 denominations. They are used to pay for broken or damaged laboratory equipment and for certain supplies used by the student. Most of the chemicals and other supplies used in regular laboratory experiments are furnished to the student free. Unused portions of these tickets may be redeemed at the Business Office.

Special Workshop and Clinic Fees

Conservation and Outdoor Education..... \$20.00
Other workshops offered during the regular summer session carry regular students fees depending upon the total credit load.

Music Fees. Individual vocal or instrumental music lessons are \$2.50 per lesson. Eight lessons are scheduled during the summer quarter.

Graduation Fee

Placement fee (see page 35 of General Catalog).....	\$1.00
Certificate fee	1.00
Degree fee	5.00
Student benefit fee.....	1.00
Cap and gown rental (B.A.).....	2.75
Cap and gown rental (M. Ed.).....	3.25
Hood rental (M. Ed.).....	3.25
Master's degree thesis binding fee (Plan I).....	12.00
Master's degree paper binding fee (Plan II).....	4.00

Room

Room—one term (4½ weeks).....	\$20.25
Room—entire session (9 weeks).....	40.50
Room—two-week workshops	9.00
Room—one week.....	4.50
Room—nightly basis (P.T.A. Conference, etc.).....	1.50
Room and Board—Conservation and Outdoor Education Workshop—Rustic Inn	43.26

Board

Meal service will be available at the College Commons on a cafeteria basis.

Other Expenses

Transcript fee (see page 35 of General Catalog).....	\$1.00
Late registration fee.....	2.00
Change of schedule fee.....	1.00
①Room deposit—refundable	5.00

① Rooms may be reserved by mailing a check for \$5.00 to the Business Office. This is refunded by mailed check within six weeks after the close of summer session in August, less such amount as may be assessed for breakage or unusual damage to the room and its furnishings. Any unpaid charges will be deducted from the deposit before refunding. Notice or cancellation of room occupancy must be received at least two weeks prior to the opening of any term. Failure on part of the student to notify the Business Office will result in forfeiture of the deposit.

PART-TIME EMPLOYMENT

The college aids students who are seeking part-time employment. Inquires should be addressed to the Director of Student Employment. Secretarial services are in demand and many young people are employed in the college dining rooms, the library, laboratories, and offices.

Off-campus work for women—Work in private homes for board and room provides a limited number of opportunities for women students. Many young women do various types of work in private homes, such as baby sitting and ironing. Contact the Dean of Women if interested in this type of employment.

Off-campus work for men—Means of self-support for men include, among others, part-time janitor service, clerical work in offices and stores, garden and lawn work, garage work, farm work, and odd jobs by the hour. The Dean of Men should be contacted for this type of employment.

Students planning to earn the major part of their college expenses should reduce their study programs accordingly.

STUDENT HOUSING

There will be sufficient housing for single students during the summer quarter. The two large halls for women, Kamola and Sue Lombard, will care for the anticipated enrollment of women students. Other facilities are available in the community. Munson Hall

is available for men students. Other facilities for single men are available in the community.

All first year students are required to live in one of the college halls or a residence approved by the Dean of Men or Dean of Women.

The college has recently expanded its dining room facilities and is well equipped to handle summer session students.

Rooms in college halls are furnished with bed linen, blankets, bath and hand towels, and glass curtains. These are laundered without additional charge to the student. Most are double rooms with single beds. A few single rooms are available.

Room Reservations. Students who wish to make reservations should send a check for \$5.00 to the Business Manager together with a statement concerning the accommodations desired. When making room reservations, **please specify the exact session** for which the reservation is made, namely: (1) first regular term or (2) second regular term. Unless this is done, it is impossible to make reservations. Reservations should be made early to insure the securing of accommodations. **Room reservations or deposits are not necessary for students attending less than one term.**

Housing—Married Students. The College has provided living accommodations for approximately seventy-five families. Most of these are housed in a community of comfortable, prefabricated, furnished houses. These rent for varying amounts. Write to the Dean of Men.

PLACEMENT SERVICE

The College maintains an active placement service. This office renders valuable service to graduating students and alumni who are seeking teaching positions. A record of the work and qualifications of each graduate is kept on file in the placement office; it is thus possible for the office to submit accurate and complete data on each candidate recommended to school officials. The placement director endeavors to become acquainted with all graduating students and alumni desiring placement service. When teaching vacancies are reported to the placement office, the director is able to recommend candidates whose qualifications meet the requirements of the vacancy reported. A registration fee of three dollars is required of experienced teachers who wish to have their names on the active placement list.

THE CURRICULUM

Central Washington College of Education is organized so as to offer three types of programs. The first is in education. The Bachelor of Arts Degree in Education and the Master of Education degree may be earned by those who propose to teach or to prepare for positions of responsibility in the education profession.

The second is the Bachelor of Arts degree program in the arts and sciences. This degree may be earned by those who intend to enter fields other than teaching. Twenty major fields are available in the various arts and sciences.

The third is the pre-professional and junior college programs. These are available in many fields for those who propose to continue their work in other colleges or universities or wish to terminate their college work after one or two years of work.

Complete descriptions of the programs will be found in the General Catalog for 1954-55. The summer session program is intended to serve teachers and administrators in service, beginning students and those who wish to broaden their educational background.

ADMISSIONS

The courses for the summer session are open to all qualified high school graduates, to graduates of junior colleges, and to students who transfer in good standing from some other college or university. There will be opportunity for experienced teachers to take advanced work toward the degree of Master of Education.

Persons of maturity whose preparation does not meet the entrance requirements may be admitted as unclassified students on approval of the Registrar. All who desire advanced credit for college work done elsewhere should submit an official transcript at least two weeks prior to the opening of the session. Transfer students who do not plan to work toward a degree should have their former college or university send the Registrar's Office either a transcript or a statement of honorable dismissal.

ATTENDANCE AT N.E.A. REPRESENTATIVE ASSEMBLY

The National Education Association will hold its 1956 Representative Assembly on July 1 to 6 in Portland, Oregon.

Students may make arrangements to participate in this convention by contacting the Dean of Instruction. Arrangements should be made for completing the necessary course work. Students planning to attend this N.E.A. meeting should limit their first quarter registrations to such a level that their usual quality of work can be maintained.

Individuals planning to attend the N.E.A. Representative Assembly, or any other activity which will take them away from classes shall not register for credit in a two-week workshop which is scheduled during any of the time the individuals will be away from classes.

Special scheduling arrangements make it possible for a student to:

1. Register for and complete a two-week workshop prior to the N.E.A. Representative Assembly.
2. Enroll in a two-week workshop immediately following the N.E.A. Representative Assembly and complete it in time to take courses during the second term of the summer session.
3. Combine the first two plans so as to take a three-credit workshop, attend the N.E.A. convention, and take another three-credit workshop during the first term without missing any time from any one of the three programs.
4. Attend the Teacher Education and Professional Standards Commission (N.E.A.) Conference (July 26-29 in Parkland, Washington) and enroll the following week in a two-week workshop.
5. Attend both the T.E.P.S. conference and N.E.A. convention, enroll in a two-week workshop immediately thereafter and follow this with a regular program during the second term.

The second term schedule has a degree of flexibility equal to that described above. Teachers visiting the Pacific Northwest can elect a summer school program tailored to fit their time schedule.

GRADUATION REQUIREMENTS

A detailed statement covering all requirements for degrees will be found in the General Catalog, 1955-56.

APPLICATIONS FOR DEGREE

Students planning to receive a bachelor's degree at the end of the summer session should make application to the Registrar at least two weeks before the opening of summer session. Write to the Registrar for the necessary forms to be used in making application for graduation. Candidates for the Master's Degree must apply to the Director of the Graduate Studies. All candidates for degrees are required to

participate in graduation exercises unless excused by the Committee on Admissions, Matriculation and Graduation.

Correspondence courses are not to be taken the same quarter the student expects to receive the degree.

SCHOLARSHIP STANDARDS

Any student applying for admission whose grade point quotient (number of honor points divided by the number of units presented) on the high school record is less than 1.75 will be given conditional classification. Any student whose grade point quotient for any quarter is less than 1.75 becomes a problem for the Personnel Committee to be dealt with as the case seems to warrant.

To be assigned to directed teaching, a student must have made a grade point quotient of at least 2.00 for each of the two quarters preceding the assignment and a cumulative grade point quotient of at least 2.00. To be recommended for a certificate or for a degree the cumulative grade point quotient must be at least 1.75 for all credits accepted toward graduation and at least 2.00 for the last three quarters of work.

STUDENT LOAD REGULATIONS FOR UNDERGRADUATES

Standard Load. Sixteen credits per quarter is a standard undergraduate load. An undergraduate student may enroll for 17 credits without permission.

Workshops and Student Loads. Two-week workshops are designed for those students who wish to concentrate on a specific problem for a short period of time during which all or most of their time is devoted to this problem. **For this reason two-week workshops are considered to be full-time courses. Students may take only one two-week workshop during a given two-week period.** Two two-week workshops may be taken during a given term (4½ weeks) whenever such workshops are scheduled during different two-week periods of time. In no case may more than 2½ credits of regular course work be taken in addition to the two-week workshop or workshops during a given term (4½ weeks).

Overloads. Class loads above 17 credit hours will be permitted for undergraduates on the basis of a student's cumulative grade point average for the three preceding quarters or any portion thereof when a student has been in school less than three quarters.

Undergraduate overloads will be permitted in accordance with the following schedule:

Cumulative G. P. A.	Maximum Load	
	Quarter	Term
2.00 to 2.49.....	18 credits	9 credits
2.50 to 2.99.....	19 credits	9.5 credits
3.00 and above.....	20 credits	10 credits

Approval for overloads on the above basis will be granted by the Registrar's Office after a check of the student's record has been made.

First quarter freshmen are not permitted to enroll in more than 17 quarter credit hours.

First quarter transfer students may enroll for no more than 18 credit hours. Any load above 17 credit hours requires a grade point average of 2.00 or higher.

Any exceptions of the above procedure will be made only upon approval of the Personnel Committee following written application giving the reasons for carrying the overload.

STUDENT LOAD REGULATIONS FOR GRADUATE STUDENTS

Normal Load and Overloads. The normal load for graduate students is fifteen (15) credits per quarter. All loads above sixteen (16) credits shall be approved by the Graduate Study Committee. For one term (4½ weeks) of the summer session eight (8) credits shall be the maximum load without approval of the Graduate Study Committee. Under no circumstances shall more than eighteen (18) credits be granted to any graduate student during one quarter or nine (9) credits during one term (4½ weeks).

Graduate Student Defined. A graduate student is defined as any student holding a Bachelor's degree.

Workshops and Student Loads. Two-week workshops are designed for those students who wish to concentrate on a specific problem for a short period of time during which all or most of their time is devoted to this problem. **For this reason two-week workshops are considered to be full-time courses. Students may take only one two-week workshop during a given two-week period.** Two two-week workshops may be taken during a given term (4½ weeks) whenever such workshops are scheduled during different two-week periods of time. In no case may more than 2½ credits (2 credits without the approval of the Graduate Study Committee) of regular course work be taken in addition to the two-week workshop or workshops during a given term (4½ weeks).

RESIDENCE REQUIREMENTS FOR MASTER'S DEGREE

One academic year in residence is required. An academic year is considered to be three quarters, which need not be consecutive. Graduates of this institution may do one college quarter of their graduate work in another institution.

A maximum of 15 quarter credits for approved courses may be transferred from other institutions. Transfers of such credit shall be made only upon presentation of a written request by the student. This transfer of credit does not reduce the residence requirements.

A quarter of residence (for Master's degree purposes) is defined as the completion of a minimum of 12 credits of regularly scheduled work during a regular quarter or full summer session. Lesser amounts shall be counted according to their proportion to the minimum load of 12 credits. Regardless of the number of credits earned during one term (4½ weeks) of the summer session not more than one-half quarter of residence may be counted.

MAXIMUM TIME LIMIT FOR MASTER'S DEGREE

No credit earned more than six years before the date of the degree award may be counted as part of the forty-five (45) credit requirement (for the Master's degree), except as may be approved by formal action of the Graduate Study Committee.

GRADUATE CREDITS REQUIRED

The candidate must complete 45 quarter credits in the 300, 400, 500 and 600 groups. Not less than 27 quarter credits or 60 per cent of the total of 45 required for graduation must be in the 400, 500, and 600 groups.

CERTIFICATION

QUALIFYING TEACHING CERTIFICATES, ELEMENTARY OR SECONDARY CERTIFICATES

A student who holds an emergency, qualifying elementary or secondary teaching certificate may complete his program for the three-year elementary certificate or three-year secondary certificate. To be eligible for the three-year elementary or three-year secondary certificate the student must have a valid teaching certificate in force at the time of the granting of the three-year elementary or three-year secondary certificate. Students who hold the six-year elementary or the six-year secondary do not need to convert to the Standard General Certificate. They may keep their present certificates in force by earning nine quarter hours every six years.

PROVISIONAL GENERAL CERTIFICATE

Students with a provisional general certificate have a five-year period from the date of original issuance of the certificate to complete the fifth year of work. There are certain standards which have been set up for the fifth year. These standards are:

1. The student in planning the fifth year has several choices of where he may do his work.
 - a) If the student chooses to undertake his fifth year of study in a Washington State teacher education institution, that institution shall be responsible for recommending him for the standard general certificate upon successful completion.
 - b) If the student wishes to undertake the fifth year in an out-of-state institution, his pre-service institution will be responsible for recommending him for the standard general certificate upon successful completion. The student must secure general approval of his plan from his pre-service institution in advance.
2. The fifth-year program:
 - a) The fifth college year must include a minimum of 45 quarter hours of the junior, senior and graduate college years.
 - b) No more than 12 quarter hours of extension and/or correspondence study may be approved as a part of the 45 quarter hours in the student's fifth-year program.
 - c) One semester or two quarters of the fifth college year must be taken in residence in the recommending institution in the state of Washington, or in a single institution if out-of-state.
 - d) The student may take 15 of the required 45 quarter hours prior to or during the first year of teaching experience.
 - e) The student will need to secure approval of the recommending institution for work taken in other institutions.
 - f) The standard general certificate will be valid as long as the holder remains in teaching service and for a period of five years thereafter.
 - g) Students having completed their first initial year of teaching on the Provisional General Certificate and who need verification of summer school attendance and credits, should contact the Office of the Registrar.

CONVERTING TO A GENERAL CERTIFICATE

Students who wish to convert from an elementary or secondary standard certificate to the general certificate should contact the Registrar's Office for certification.

TEMPORARY CERTIFICATION

Qualifying Certificates. The State Superintendent of Public Instruction may issue a qualifying certificate to teachers who now have a valid emergency certificate and have met the following requirements:

Elementary. Three years and 12 quarter hours (147 quarter hours) of college preparation applicable toward regular elementary certification, including practice teaching or teaching experience on the elementary level.

Secondary. Four years and 12 quarter hours of college preparation applicable toward regular secondary certification, including practice teaching or teaching experience at the secondary level.

The Qualifying Certificate is valid for three years, during which time the holder is required to complete the requirements so that at the end of the three-year period he will be eligible for regular certification.

ADMINISTRATORS' CREDENTIALS

Those concerned with qualifying for either the elementary, junior high, or senior high school principals' credentials issued by the office of the State Superintendent of Public Instruction should use the following tables in selecting appropriate courses from the 1956 summer schedule. State regulations require 12 quarter hours for each credential. **Six hours must be in List A, covering at least two fields.** The other six hours may be from either List A or List B. Courses must be taken subsequent to at least one year of teaching experience, and within ten years of the date of application. Two years of teaching experience are required for the credential.

Courses that will meet requirements for Administrators' Credentials may be selected from those listed below:

Courses Which Meet the Requirements for Administrators' Credentials

Course No.	Course Title	Qtr. Hrs.	El. Sch. Prin. Credentials	JHS Prin. Credentials	HS Prin. Credentials
Ed. 311 (105)	Curriculum and Methods.....	5	List A	List A	List A
Ed. 312 (105)	Curriculum and Methods.....	5	List A	List A	.....
Ed. 316 (139)	Visual Instruction	5	List A	List A	.....
Ed. 319 (50)	Cursive and Manuscript Writing...	1	List A	.....	.....
Ed. 321 (124)	Reading Readiness	2	List B	List B	.....
Ed. 323 (128)	Teaching of Arithmetic.....	3	List A	List A	.....
Ed. 337 (145)	Helping the Exceptional Child....	2	List B	List B	List B
Ed. 338 (125)	Remedial Reading	3	List B	List B	.....
Ed. 358 (146)	Guidance	5	List A	List A	List A
Ed. 359 (106)	Counseling Techniques	3	List A	List A	List A
Ed. 410 (118)	Nursery School, Kindergarten and JH Prim. Proc.	3	List B	.....	.....
Ed. 420 (103)	Teaching Procedures in the Lan- guage Arts	3	List A	List A	.....
Ed. 421 (132)	The Modern Reading Program....	3	List A	List A	.....
Ed. 423 (147)	Reading Problems in the Junior High	2	.....	List A	List A
Ed. 424	Developmental Reading in Content Fields	3	.....	List A	List A
Ed. 434 (108)	Activities in the Secondary Schools.	3	.....	List A	List A
Ed. 440 (148)	Workshop (State Level).....	5	List A	List A	List A
Ed. 440CI	Curriculum Improvement		(State Level)		
Ed. 440R Sec	Reading in Secondary Schools.....		(State Level)		
Ed. 440 SB	School Building Planning.....		(State Level)		
Ed. 440GiCh	Gifted Child		(State Level)		
Ed. 440 JH	The Junior High School.....		(State Level)		
Ed. 443 (106h)	Directed Teaching in a Remedial Class	5	List B	List B	.....
Ed. 446 (120)	Directed Observation	2½	List A	List A	.....
Ed. 447 (121)	Unit Course in Teaching.....	2½	List A	List A	List A
Ed. 460 (158)	Parent-Teacher Conferences	3	List B	List B	List B
Ed. 451 (153)	Core Curriculum	3	List A	List A	List A
Ed. 476 (177)	School and Community Relations..	3	List A	List A	List A
Ed. 507 (200)	Introduction to Graduate Study....	3	List B	List B	List B
Ed. 555 (217)	Procedures and Program of Cur- riculum Improvement	3	List A	List A	List A
Ed. 558 (210)	Administration of the Guidance Program	2	List A	List A	List A
Ed. 562 (206)	Evaluation of the School Program..	3	List A	List A	List A
Ed. 570 (201)	Educational Foundations	3	List A	List A	List A
Ed. 577 (157)	In-Service Programs for School Personnel	3	List A	List A	List A
Ed. 578 (151)	Administration of the Instructional Aids Program	3	List A	List A	List A
Ed. 579 (109)	The Elementary School Principal..	5	List A	.....	List A
Ed. 581 (170)	The High School Principal.....	5	.....	.....	List A
Ed. 585 (110)	School Supervision	5	List A	List A	List A
Ed. 589 (175)	School Building Planning.....	5	List A	List A	List A
Ed. 590 (176)	Public School Finance.....	5	.....	.....	List A
Ed. 599A (203)	Seminar in Educational Adminis- tration	3	List A	List A	List A
Ed. 600 (250)	Research Problems	6	List B	List B	List B
Psy. 343 (103)	Psychology of Adjustment.....	5	List B	List B	List B
Psy. 350 (113)	Emotional Growth of Children....	3	List A	List A	List A
Psy. 442 (102)	Educational Psy. and Measurement.	4	List B	List B	List B
Psy. 447 (108)	Psy. of Adolescence & Guidance....	3	List A	List A	List A
Psy. 464 (162)	Mental Testing—Individual Child..	3	List B	List B	List B
Psy. 552 (200)	Human Growth and Development..	3	List B	List B	List A
Art 323 (104)	Art Methods and Materials.....	2	List A	List A	.....
Art 545 (200)	Administration of Sch. Art. Prog...	3	List A	List A	List A
I Art 251 (100)	Arts and Crafts (Remedial).....	5	List B	List B	.....
IA 433 (131)	General Shop Planning and Organi- zation	2	.....	List B	List B

Courses Which Meet the Requirements for Administrators' Credentials—Continued

<i>Course No.</i>	<i>Course Title</i>	<i>Qtr. Hrs.</i>	<i>El.Sch. Prin. Credentials</i>	<i>JHS Prin. Credentials</i>	<i>HS Prin. Credentials</i>
Eng. 320 (119)	Children's Literature	2	List A	.....	.....
Eng. 338 (138)	Teaching Composition and Gram- mar in the Secondary School.....	2	.....	List A	List A
Sp. 320 (120)	Teaching Speech in the Elementary and Junior High School.....	3	List A	List A	.....
Sp. 380 (124)	Speech Correction Clinic.....	5	List B	.....	.....
H. Ed. 245 (109)	First Aid	2	List B	List B	List B
P. E. 325 (63)	Baseball Coaching	2	List B	List B	List B
P. E. 334 (100)	Physical Education Activities for Elementary and JHS.....	3	List B	List B	List B
P. E. 466 (116)	Program Planning	5	List B	List B	List B
P. E. 448 (164)	Advanced Athletic Training.....	3	List B	List B	List B
P. E. 480 (110)	Organization and Admin. of P. E....	3	List B	List B	List B
P. E. 596 (199)	Seminar in Physical Education.....	2	List B	List B	List B
Mus. 321 (103a)	Music Education for the Elemen- tary Grades	3	List A	List A	.....
Mus. 322 (128)	Music Education for the Secondary School	3	.....	List B	List B
Sci. Ed. 321 (139)	Community Resource Material for The Science Teacher.....	3	List A	List A	.....
Sci. Ed. 322 (133a)	Science Educ. in the Elem. School..	2	List A	.....	.....
Sci. Ed. 322 (133b)	Science Education in the JHS.....	3	.....	List A	.....
S. S. 420 (117b)	Social Science Methods and Ma- terials—Intermediate	2	List A	.....	.....
S. S. 420 (117c)	Social Science Methods and Ma- terials—Junior High	2	.....	List A	.....

REGISTRATION INFORMATION SUMMER—1956

CALENDAR

See pages 4 and 5 for a complete calendar for the summer session.

GENERAL REGISTRATION INFORMATION

In order that the term may prove of maximum value, and that the work of the courses may not be interfered with by late entrants, students are urged to pay their fees, complete their registration and file their booklets on the day set for registration.

1. Undergraduate students who plan to carry more than 10 credits for a single term or more than 20 credits for the session should contact the Dean of Students, submitting a proposed program and the reasons for requesting the additional credit. Approval of the Personnel Committee must be obtained before registration can be completed.
2. The word "term" refers to a 4½-week period. The word "session" refers to the 9-week period.
3. Consult the general catalog regarding all general and major and minor requirements.
4. All fees are to be paid at the time of registration.
5. A fee of \$2.00 will be charged for late registration and/or late filing of booklet.
6. A fee of \$1.00 will be charged for each change of schedule.

CLASS PERIODS

1	.....	7:30- 8:30
2	.....	8:40- 9:40
3	.....	9:50-10:50
4	.....	11:00-12:00
5	.....	1:00- 2:00
6	.....	2:10- 3:10
7	.....	3:20- 4:20
8	.....	4:30- 5:30

BUILDINGS

A	Administration
B.E.	Business Education
C	Classroom
E	College Elementary School
I.A.	Industrial Art
L	Library
M	Music
S	Science
A.S.	Air Science

REGISTRATION PROCEDURE

Time: June 18, 8:30 to 12:00 and 1:00 to 5:00

Place: College Library

Procedure:

1. Report to the Dean of Men or Dean of Women.
2. Veteran register with Veterans' Office.
3. Report to Registrar's Office for registration envelope.
4. Secure C.W.C.E. post office box number (College Union Building).

5. Secure adviser's signature for approval of program on Official Study Schedule.
6. Fill out class cards.
7. Report to Library for tally.
8. Obtain booklet in library; fill out and report to final check table.
9. Report to the Business Office to pay fees for the completion of registration. Fees must be paid the day following the date stamped on the course fee card.

Students enrolling for 5 or less credits should ask for "Special Student" registration material.

Practice teachers should first obtain teaching assignment from Director of Student Teaching.

All freshmen and sophomore students are required to enroll for P.E. activity unless excused for health reasons. All entering freshmen will be given a health examination.

Students planning to attend the entire summer session should complete their enrollment for both terms at the time of initial registration.

Change of registration. Once a student has completed registration, he may change his schedule of classes only upon approval of his adviser. The necessary forms for making such a change are secured at the Registrar's Office. A fee of \$1.00 must be paid in the Business Office before a change of schedule can be completed.

COURSES ARE FULL-QUARTERED COURSES UNLESS THE NUMBER IS ACCOMPANIED BY THE LETTER a OR b, WHICH INDICATES THAT SUCH COURSES ARE GIVEN IN THE FIRST TERM OR IN THE SECOND TERM, RESPECTIVELY. WHEN BOTH ARE USED (FOR EXAMPLE 100 a-b) THE COURSE IS GIVEN THROUGH THE QUARTER BUT IS DIVIDED, AND THE PARTS MAY BE TAKEN SEPARATELY, ALTHOUGH CARE SHOULD BE TAKEN TO NOTE WHETHER a IS A PREREQUISITE TO b. IF COURSES ARE NOT INDICATED AS a OR b, THEY MUST BE CONTINUED THROUGH THE ENTIRE QUARTER TO CARRY ANY CREDIT.

NUMBERING OF COURSES

Courses are numbered as follows:

Physical Education Activities.....	1 through 99
Freshman	100 through 199
Sophomore	200 through 299
Junior	300 through 399
Senior	400 through 499
Graduate Students Only.....	500 through 600

Students may elect courses one year ahead of their present year, except when otherwise designated. Courses numbered 500 and above are for graduate students only. The prerequisites for all courses must be met as indicated by the description of the course.

See page 52 for tables comparing course numbers in existence prior to September 1955 with those used in this schedule.

SCHEDULE OF CLASSES

WORKSHOPS OFFERED THE SUMMER QUARTER 1956

EDUCATION

(Enter in registration booklet and on class cards as Ed.)

No.	Descriptive Title	Credit	Period and Days	Place	Instructor
Ed. 440REI	Workshop, Reading in Elementary School	3	5-6-7 Daily June 19-29	E205	Hammill
Ed. 440CI	Workshop, Curriculum Improvement	3	5-6-7 Daily June 19-29	E Lunch Room	Anderson
Ed. 440RSec	Workshop, Reading in Secondary School	3	5-6-7 Daily July 2-13	E205	Shepherd
Ed. 440JH	Workshop, The Junior High School	3	5-6-7 Daily July 9-19	A105	Noar
Ed. 440Dr	Workshop, Driver Education ...	3	6-7 Daily July 19 Aug. 17	S209	Milanowski
Ed. 440FL	Workshop, Family Life Education	3	5-6-7 Daily July 23-Aug. 3	E Lunch Room	Kirkendall
Ed. 440SB	Workshop, School Building Planning	3	2-3-4-5-6 Daily July 23-Aug. 3	E205	E. Erickson
Ed. 440CCCh	Workshop, The Crippled Child..	4	2-3-4-5-6-7 Daily July 23-Aug. 3	S211	Peterson
*Ed. 440CCC	Workshop, Camping Education for Crippled Children.....	4	All Day Daily Aug. 4-Aug. 20	Taneum A207a	Peterson
Ed. 440GiCh	Workshop, The Gifted Child....	3	5-6-7 Daily Aug. 6-17	E205	Brumbaugh
Ed. 440CIP	Workshop, Teaching Controversial Issues and Contemporary Problems	3	5-6-7 Daily Aug. 6-17	S211	Babcock
*Ed. 440COE	(1) Workshop, Conservation and Outdoor Educ. (Beginning)....	2½	All Day Daily Aug. 12-18	Rustic Inn	Lowe
*Ed. 440COE	(2) Workshop, Conservation and Outdoor Educ. (Advanced)....	2½	All Day Daily Aug. 12-18	Rustic Inn	Lowe
*Ed. 440COE	(3) Workshop, Conservation and Outdoor Educ. (Beginning)....	2½	All Day Daily Aug. 19-25	Rustic Inn	Lowe
*Ed. 440COE	(4) Workshop, Conservation and Outdoor Educ. (Advanced)....	2½	All Day Daily Aug. 19-25	Rustic Inn	Lowe

COMMERCIAL EDUCATION

(Enter in registration booklet and on class cards as C. Ed.)

No.	Descriptive Title	Credit	Period and Days	Place	Instructor
C. Ed. 440FS	Workshop, Personal and Family Financial Security Education....	5	3-4-5 Daily June 19-July 18	BE104	Kosy

MUSIC

(Enter in registration booklet and on class cards as Mus.)

No.	Descriptive Title	Credit	Period and Days	Place	Instructor
Mus. 440 MEd	Workshop, Music Education.....	3	3-4 Daily June 19-July 18	M212	Scruggs
Mus. 440B	Workshop, Band Clinic.....	3	3-4 Daily July 19-Aug. 17	M304	Christianson

PHYSICAL EDUCATION

(Enter in registration booklet and on class cards as P. E.)

No.	Descriptive Title	Credit	Period and Days	Place	Instructor
P. E. 440Rh	Workshop, The Rhythm Program	3	5-6-7 Daily July 23-Aug. 3	A105	Henderson

SCIENCE EDUCATION

(Enter in registration booklet and on class cards as Ed.)

No.	Descriptive Title	Credit	Period and Days	Place	Instructor
Ed. 440S	Workshop, Science Education...	3	5-6 Daily June 19-July 18	S106	Michals

* Students planning to graduate at the end of summer quarter will not be eligible in this class for credit to apply toward graduation on August 17 due to the class continuing beyond commencement.

EDUCATION, PSYCHOLOGY AND PHILOSOPHY

EDUCATION

(Enter in registration booklet and on class cards as Ed.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
*307	Introduction to Teaching.....	1½	1½	2	Daily	C108	Simpson
311	Curriculum & Methods (Primary)	2½	2½	2	Daily	C109	Bloomer
312	Curriculum & Methods (Intermediate)	2½	2½	4	Daily	C116	Weber
316	Instructional Aids: Classroom Utilization	2½	2½	1	Daily	M106	Howard
319a	Cursive & Manuscript Writing. 1			1	MTWTh	E205	Hebeler
321b	Reading Readiness		2	1	MTWTh	C108	Grant
323a	Teaching of Arithmetic	2½		3	Daily	C109	Bloomer
323a	Teaching of Arithmetic	2½		6	Daily	C116	Grant
323b	Teaching of Arithmetic		2½	3	Daily	C109	Bloomer
337a	Helping the Exceptional Child in the Regular Classroom...	2		1	MTWTh	A301	Patty
338a	Remedial Reading	2½		6	Daily	C109	Grayum
345b	Contemporary Movements in Education in the United States		2½	7	Daily	A302	Crum
346a	School Law	1		3	T Th	A303	Thompson
346b	School Law		1	5	T Th	A303	Thompson
358a	Introduction to Guidance.....	2½		2	Daily	A301	C. Erickson
359a	Counseling Techniques	2½		5	Daily	A301	C. Erickson
410a	Nursery School, Kindergarten & Junior Primary Procedures	2½		6	Daily	C108	White
420a	Teaching Procedures in Language Arts	2½		1	Daily	C108	Weber
420b	Teaching Procedures in Language Arts		2½	4	Daily	C108	Grant
421a	The Modern Reading Program, Primary	2½		5	Daily	C109	Bloomer
421b	The Modern Reading Program, Primary		2½	5	Daily	C109	Bloomer
422a	The Modern Reading Program, Intermediate	2½		1	Daily	C109	Simpson
422b	The Modern Reading Program, Intermediate		2½	3	Daily	C108	Simpson
423b	Reading Problems in Secondary Schools		2½	3	Daily	C116	Shepherd
424b	Reading in Content Fields....		2½	4	Daily	C109	Shepherd
434a	Activities in Secondary Schools	2½		3	Daily	A308	McGlasson
440	Workshops (see Special Workshop schedule)						
442a	Directed Teaching	5		Arr.	Daily	CES Office	Hebeler
†443a	Directed Teaching in Remedial Class	5		Arr.	Daily	CES Office	Hebeler
446a	Directed Observation	2½		2 & 3	Daily	C116	Woods
447a	Classroom Teaching Problems	2½		4	Daily	C108	Simpson
447b	Classroom Teaching Problems		2½	5	Daily	C108	Simpson
450a	Instructional Aids: Local Production	2½		4	Daily	M106	Howard
451b	Core Curriculum		2½	2	Daily	C116	Oppleman
460b	Parent-Teacher Conferences..		2	1	MTWTh	A309	Weber
467a	Philosophy of Education.....	2½		4	Daily	A309	Oppleman
472a	Elementary Education	2½		1	Daily	C220	Murphy
472b	Elementary Education		2½	1	Daily	C220	Murphy
473a	Secondary Education	2½		5	Daily	A308	McGlasson
473b	Secondary Education		2½	4	Daily	C220	Barry
476a	School and Community Relations	2½		3	Daily	A309	C. Erickson
507	Introduction to Graduate Study	1½	1½	2	MWF	A309	Ruebel
507	Introduction to Graduate Study	1½	1½	6	MWF	A308	Samuelson
507	Introduction to Graduate Study	1½	1½	3	MWF	A303	Stinson

* Not recommended to be taken by students enrolled during the academic year.

† Students who enroll in Education 443a and have not had Education 338 should register for both of them concurrently.

EDUCATION—Continued

(Enter in registration booklet and on class cards as Ed.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
555b	Program of Curriculum Improvement		2½	6	Daily	C116	Tower
558	Administration of Guidance Program	2	2	3	MTWTh	A301	Barry
562b	Evaluation of the School Program		2½	4	Daily	A302	Pettit
570	Educational Foundations	1½	1½	1	MWF	A302	Barry
570a	Educational Foundations	2½		5	Daily	A309	Oppleman
570b	Educational Foundations		2½	4	Daily	A308	Oppleman
577b	In-Service Programs for School Personnel		2½	5	Daily	C116	Tower
578b	Instructional Aids: Administration of the Program		2½	4	Daily	M106	Howard
579	The Elementary School Principal	2½	2½	3	Daily	C220	Murphy
581	The High School Principal	2½	2½	3	Daily	A302	Ruebel
585	School Supervision	2½	2½	6	Daily	C220	Barry
590	Public School Finance	2½	2½	2	Daily	A208	Muzzall
596	Individual Study	1-6	1-6	Arr.	Daily	A307b	Pettit
599Ab	Seminar in Educational Administration		2½	2	Daily	C220	Tower
600	Thesis	3	3	Arr.	Daily	A207c	Muzzall

PSYCHOLOGY

(Enter in registration booklet and on class cards as Psych.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100	General Psychology	2½	2½	2	Daily	A308	Thompson
252	Child Development	2½	2½	1	Daily	A303	Stinson
343	Psychology of Adjustment	2½	2½	6	Daily	A303	Patty
350b	Emotional Growth of Children		2½	1	Daily	A301	Patty
442	Educational Psychology and Evaluation	2	2	6	MTWTh	A301	Thompson
442	Educational Psychology and Evaluation	2	2	4	MTWTh	A301	Thompson
447b	Psychology of Adolescence and Guidance		2½	6	Daily	A302	Shepherd
464	Mental Testing: Individual Child	1½	1½	7	MWF	A303	Jacobsen
552	Human Growth and Development	1½	1½	2	MWF	A403	Jacobsen
552	Human Growth and Development	1½	1½	3	MWF	A401	Patty
552	Human Growth and Development	1½	1½	4	MWF	A303	Patty

PHILOSOPHY

(Enter in registration booklet and on class cards as Phil.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
307	Introduction to Philosophy	2½	2½	6	Daily	A309	Oppleman

FINE AND INDUSTRIAL ARTS

FINE ART

(Enter in registration booklet and on class cards as Art.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100a	Art Structure	2		5 & 6	MTWTh	A409	Spurgeon
260	Beginning Oil Painting	2½	2½	3 & 4	Daily	A400	Spurgeon
270	Creative Design	2½	2½	3 & 4	Daily	A300	Randall
277b	Lettering		2½	5 & 6	Daily	A406	Spurgeon
280	Modeling and Sculpturing	2½	2½	1 & 2	Daily	A104	Reinholtz
323a	Art Methods and Materials	2		2	MTWTh	A409	Gray
323b	Art Methods and Materials		2	3	MTWTh	A409	Reinholtz
327b	Painting for the Public School		2½	2	Daily	A400	Spurgeon
349b	Art and Modern Living		2	1	MTWTh	A300	Randall
360	Advanced Oil Painting	2½	2½	3 & 4	Daily	A400	Spurgeon
361	Composition in Oils	1	1	3 & 4	TTh	A400	Spurgeon
377b	Advanced Lettering		2	5 & 6	MTWTh	A406	Spurgeon
380	Advanced Modeling & Sculpturing	2½	2½	1 & 2	Daily	A104	Reinholtz
421a	Art Education Secondary	2½		3	Daily	A409	Reinholtz
422b	Art Education Elementary		2½	4	Daily	A406	Reinholtz
429a	Art Education	2		4	MTWTh	A406	Reinholtz
442	School Bulletin Boards and Display	1	1	2	TTh	A300	Randall
470	Advanced Creative Design	2½	2½	3 & 4	Daily	A300	Randall
496a-b	Unit Course	2	2	Arr.	Arr.	A300a	Randall
497a-b	Unit Course	2	2	Arr.	Arr.	A300a	Randall
498a-b	Unit Course	2	2	Arr.	Arr.	A300a	Randall
545a	Administration of the School Art Program	2½		5	Daily	A300	Randall

INDUSTRIAL ART

(Enter in registration booklet and on class cards as I. Art.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
142	Creative Crafts, Wood and Plastic	1	1	5 & 6	TTh	IA102	Siegner
144	Creative Crafts, Metal and Leather	1½	1½	5 & 6	MWF	IA102	Siegner
150	Woodworking	2½	2½	5 & 6	Daily	IA104	Sogge
255	General Metals I	2½	2½	1 & 2	Daily	IA107	Siegner
260	Photography	1½	1½	4	MWF	IA201	Siegner
262	Pottery	2½	2½	3 & 4	Daily	IA200	Ball
265	Mechanical Drawing	1½	1½	3 & 4	MWF	IA101	Sogge
330a	Industrial Arts Education	2		2	MTWTh	IA101	Sogge
347a	Jewelry Design and Construction	2		5 & 6	MTWTh	A104	Gray
348a	Lapidary	2		7 & 8	MTWTh	A104	Gray
350	Advanced Furniture Construction	2½	2½	5 & 6	Daily	IA104	Sogge
355	General Metals II	2½	2½	1 & 2	Daily	IA107	Siegner
362	Advanced Pottery	2½	2½	5 & 6	Daily	IA200	Ball
365	Engineering Drawing	1½	1½	3 & 4	MWF	IA101	Sogge
433b	General Shop Planning and Organization		2	1	MTWTh	IA101	Sogge
496a-b	Unit Course	2	2	Arr.	Arr.	IA106	Sogge
497a-b	Unit Course	2	2	Arr.	Arr.	IA106	Sogge
498a-b	Unit Course	2	2	Arr.	Arr.	IA106	Sogge

HEALTH AND PHYSICAL EDUCATION

HEALTH EDUCATION

(Enter in registration booklet and on class cards as H. Ed.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100a	Health Essentials	2½		5	Daily	S100	Badorek
245a	First Aid	2		4	MTWTh	S100	Reynolds
245b	First Aid		2	3	MTWTh	S100	Reynolds
518a	Health Education in the Elementary School	2½		3	Daily	S100	Badorek
525b	Health Education in the Secondary School		2½	2	Daily	S200	Badorek
560b	Applied Physiology for the Teacher		2½	4	Daily	S100	Reynolds
596	Individual Study	1-6	1-6	Arr.	Arr.	G102	Nicholson

PHYSICAL EDUCATION

(Enter in registration booklet and on class cards as P. E.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
325a	Baseball Coaching	2		5	MTWTh	S109	Tappin
334a	Physical Education Activities for the Elementary School...	2½		4	Daily	S200	Flower
334b	Physical Education Activities for the Elementary School..		2½	6	Daily	S100	Flower
444b	Management of Equipment and Facilities		2½	2	Daily	S209	Nicholson
448a	Advanced Athletic Training...	2½		3	Daily	S109	Reynolds
460a	Safety in Physical Education and Athletics	2½		6	Daily	S209	Reynolds
466b	Program Planning in Physical Education		2½	5	Daily	S209	Flower
480a	Administration of Physical Education	2½		4	Daily	S209	Nicholson
499Aa	Seminar in Athletics.....	2		2	MTWTh	S110	Nicholson
499a	Seminar in Physical Education	2		3	MTWTh	S110	Flower
596	Individual Study	1-6	1-6	Arr.	Arr.	G102	Nicholson

RECREATION

(Enter in registration booklet and on class cards as Rec.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
442a-b	Field Work in Recreation....	2½	2½	Arr.	Daily	G205a	Tappin
460b	The School Recreation Program		2	5	MTWTh	S200	Tappin
470	Modern Trends in Recreation	2½	2½	1	Daily	S200	Tappin

P. E. ACTIVITY COURSES

(Enter in registration booklet and on class cards as P. E.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
42	Swimming for Beginners.....	½	½	4	Daily	Pool	Badorek
44a-b	Recreational Swimming	½	½	3	Daily	Pool	Tappin
50a-b	Archery and Badminton.....	½	½	2	Daily	Field	Flower
62a-b	Golf for Beginners.....	½	½	5	Daily	Field	Reynolds
63a-b	Golf (Advanced)	½	½	7	Daily	Field	Nicholson
68	Tennis for Beginners.....	½	½	6	Daily	Courts	Badorek

HOME ECONOMICS

(Enter in registration booklet and on class cards as H. Ec.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
149a	Clothing Selection	2		2	MTWTh	C321	Michaelsen
185	Food Preparation	1½	1½	3 & 4	MWF	C306	Ware
200a	General Nutrition	2½		2	Daily	C324	Ware
200b	General Nutrition		3	3	Daily	C324	Michaelsen
				7 P.M. Monday			
270b	Household Management		2½	2	Daily	C324	Ware
320a	Methods in Home Economics..	2		6	MTWTh	C324	Ware
325b	H. Econ. Activities in Elementary School		1	7	MW	C324	Michaelsen
330b	Nutrition Activities in Elementary School		1	7	TTh	C324	Michaelsen
390b	Child Care in the Home.....		2	6	MTWTh	C324	Michaelsen
395a	Family Relations	3		5	Daily	C324	Michaelsen
				7 P.M. Monday			
476a	Household Equipment	1		4	TTh	C324	Ware

LANGUAGE AND LITERATURE**ENGLISH**

(Enter in registration booklet and on class cards as Eng.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
103	English Composition	1½	1½	2	MWF	A303	Hitchcock
205	Literary Backgrounds.....	2½	2½	1	Daily	A308	Mundy
205	Literary Backgrounds.....	2½	2½	5	Daily	A302	Mathewson
241	Language Reading	1	1	4	TTh	A303	Anshutz
243	Approach to Poetry.....	1½	1½	4	MWF	A308	Mundy
*262a-b	Practical Journalism	½	½	7	Th	C206	Wiley
268a-b	Advanced Reporting and Feature Writing	1½	1½	6	MWF	C206	Wiley
280a-b	Introduction to Modern Literature	1½	1½	5	MWF	C206	Anshutz
320a	Children's Literature	2		5	MTWTh	C116	Woods
338a	Teaching Composition and Grammar in the Secondary School	2		2	MTWTh	A302	Mundy
347a-b	The English Novel.....	1½	1½	4	MWF	C206	Rinehart
365a-b	High School Publications.....	1	1	3	TTh	C206	Wiley
374a-b	American Literature	1½	1½	3	MWF	C206	Rinehart
384a-b	The Short Story.....	1½	1½	1	MWF	A403	Anshutz
448a-b†	Chaucer	1½	1½	6	MWF	C233	Rinehart
451a-b	Shakespeare	2½	2½	3	Daily	A403	Mathewson
455a-b	Nineteenth Century Romanticism	1½	1½	2	MWF	C206	Anshutz
458a-b	The Victorian Period.....	1½	1½	1	MWF	A401	Rinehart
459b	Modern British Poetry.....		2	2	MTWTh	A302	Rinehart
470a-b	American Fiction	1½	1½	4	MWF	A401	Anshutz
482a-b	World Literature	2½	2½	5	Daily	A403	Mundy

SPEECH

(Enter in registration booklet and on class cards as Sp.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
201	Fundamentals of Public Speaking	1	1	2	MWF	A405	Mathewson
243	Oral Reading	1½	1½	3	MWF	A405	Mathewson
320a	Teaching Speech in the Elementary School	2		5	MTWTh	C220	Partridge
372b	Children's Drama		2½	5	Daily	C130	Grant
380‡	Speech Correction Clinic.....	2½	2½	4	Daily	C209	Partridge
450a-b†	Group Discussion	1½	1½	3	MWF	C209	Partridge
489a-b	Clinical Practice	1	1	Arr.	Arr.	C209	Partridge
493a-b	Individual Study in Speech and Drama.....	1	1	Arr.	Arr.	C209	Partridge

* Any student having a conflict with this period should see the instructor.

† Student may not take second half unless he has had first half.

‡ May be substituted for Sp. 377; credit cannot be received for both Sp. 380 and Sp. 377.

LIBRARY SCIENCE

(Enter in registration booklet and on class cards as Lib.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
145a	Use of Library Resources....	2½		2	Daily	L1	Wolfsehr
360b	Cataloging and Classification..	2	2	3	MTThF	L1	Greene
370a	School Library Administration	2½		5	Daily	CES Lib.	Senner
380a	Library Service	1		Arr.		L1	Mount
390b	Historical Survey of Books		2	4	MTWTh	L1	Wolfsehr
485a	and Libraries			5	MTWTh	L1	Wolfsehr
	Research and Bibliography....	2					

MUSIC

(Enter in registration booklet and on class cards as Mus.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
202	Elementary Classroom Music..	2½	2½	1	Daily	M306	Jones
203	Introduction to Music.....	2½	2½	3	Daily	M308	Jones
241b	Advanced Harmony		2½	2	Daily	M212	Bauer
242a	Form Analysis	2½		1	Daily	M308	Bauer
243b	Counterpoint		2½	1	Daily	M308	Bauer
321a	Music Education for the Elementary School	2½		6	Daily	M212	Scruggs
322b	Music Education for the Secondary School		2½	6	Daily	M212	Ross
324a-b	Elementary Piano for Class- room Teacher	1	1	1	TTh	M212	Scruggs
326b	Music in the Classroom.....		2½	3	Daily	M212	Scruggs
327b	Song Literature for Elementary Grades		2	4	MTWTh	M212	Scruggs
341a	Elementary Conducting	2½		2	Daily	M302	Ross
342b	Advanced Conducting		2½	2	Daily	M302	Ross
355a-b	Class Instruction—Piano	½	½	6	TTh	M209	Bauer
355Ba-b	Class Instruction—Voice.....	½	½	5	TTh	M215	Jones
355Da-b	Class Instruction—Woodwinds.	½	½	2	TTh	M304	Christianson
355Ea-b	Class Instruction—Brass	½	½	5	TTh	M304	Ross
355Ga-b	Class Instruction—Percussion.	½	½	2	MW	M304	Christianson
365Aa-b	Applied Music—Piano	¾	¾	Arr.	Arr.	M209	Bauer
365Ba-b	Applied Music—Voice	¾	¾	Arr.	Arr.	M205	Hertz-Jones
365Da-b	Applied Music—Woodwinds ...	¾	¾	Arr.	Arr.	M312	Christianson
365Ea-b	Applied Music—Brass	¾	¾	Arr.	Arr.	M201	Ross
365Ga-b	Applied Music—Percussion ...	¾	¾	Arr.	Arr.	M312	Christianson
372a	Music, History and Appre- ciation II	2½		4	Daily	M308	Jones
440B-b	Band Clinic		3	3 & 4	Daily	M304	Christianson
440MED a	Workshop, Music Education..	3		3 & 4	Daily	M212	Scruggs
441b	Keyboard Harmony and Improvisation		2½	5	Daily	M212	Bauer
470a	Music History and Appre- ciation III	2½		6	Daily	M306	Ross
482a	Instrumental Administration and Techniques	2½		4	Daily	M306	Christianson
484a	Band Arranging	2½		3	Daily	M306	Christianson
490a	Harmonic Analysis	2½		5	Daily	M212	Bauer
491b	Choral Interpretation and Techniques		2½	2	Daily	M207	Hertz
565Aa-b	Applied Music—Piano	¾	¾	Arr.	Arr.	M209	Bauer
565Ba-b	Applied Music—Voice	¾	¾	Arr.	Arr.	M205	Hertz
565Da-b	Applied Music—Woodwinds ...	¾	¾	Arr.	Arr.	M312	Christianson
565Ea-b	Applied Music—Brass	¾	¾	Arr.	Arr.	M201	Ross
565Ga-b	Applied Music—Percussion ...	¾	¾	Arr.	Arr.	M312	Christianson
590a	Supervision of Public School Music	2½		2	Daily	M212	Hertz

SCIENCE AND MATHEMATICS**BIOLOGICAL SCIENCE**

(Enter in registration booklet and on class cards as Bio. Sci.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
360b	Organic Evolution		2½	1	Daily	S102	Mayberry
496a, b	Individual Study	1-2	1-2	Arr.	Arr.	S101	Beck

BOTANY

(Enter in registration booklet and on class cards as Bot.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
363b	Plants of Washington		2½	5	Daily	S102	Mayberry

GEOLOGY

(Enter in registration booklet and on class cards as Geol.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
350b	Washington Geology		2½	6	Daily	S103	Beck
441a	Uranium Geology	2	2	7	MTWTh	S103	Beck
496a, b	Individual Study	1-2	1-2	Arr.	Arr.	S101	Beck

PHYSICAL SCIENCE

(Enter in registration booklet and on class cards as Phys. Sci.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100	Survey of Physical Sci.....	2½	2½	2	Daily	S100	Beck
496a, b	Individual Study	1-2	1-2	Arr.	Arr.	S101	Beck

SCIENCE EDUCATION

(Enter in registration booklet and on class cards as Sci. Ed.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
322a	Science Education in the Elementary School	2		2	MTWTh	S109	Michals
322b	Science Education in the Elementary School		2	7	MTWTh	S109	Michals
324b	Science Education in the Secondary Schools		2	2	MTWTh	S109	Michals
351a	Exploring the Sky.....	2		3	MTW	S209	Newschwander
				8-10 p.m.	Th Observatory		
352a	Weather and Climate Problems	2		1	MTWTh	S209	Newschwander
355a	Rocks, Fossils, and the Earth's Crust	2		4	MTWTh	S103	Beck
356b	Atomic ABC's		2	4	MTWTh	S103	Beck
358a	Impact of Science on Society..	2		6	MTWTh	S109	Lowe
360a	Microbiology for the Classroom	2		2	MTWTh	S105	Lowe
370b	Demonstrations with Plants...		2½	2	Daily	S103	Mayberry
422b	Science Problems in Childhood Education (Elem. School)...		2½	4	Daily	S109	Michals
423a	Science in Early Adolescent Education (Junior High)....	2½		4	Daily	S109	Michals
496a, b	Individual Study	1-2	1-2	Arr.	Arr.	S103	Beck

ZOOLOGY

(Enter in registration booklet and on class cards as Zool.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
375a, b	Biology of the Human Organism	2½	2½	3	Daily	S105	Lowe

MATHEMATICS

(Enter in registration booklet and on class cards as Math.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
441a	General Mathematics for Secondary School Teachers.....	2½		5	Daily	S200	Newschwander
496a	Individual Study	1-2		Arr.	Arr.	S103	Beck

THE SOCIAL SCIENCES**COMMERCIAL EDUCATION**

(Enter in registration booklet and on class cards as C. Ed.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
251	Principles of Accounting I....	2½	2½	5	Daily	BE105	Treadwell
359	Federal Taxation	2½	2½	3	Daily	BE105	Treadwell
420b	Bookkeeping and Accounting Methods		2½	4	Daily	BE105	Kosy

ECONOMICS

(Enter in registration booklet and on class cards as Econ.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
365a	Marketing Practice	2½		5	Daily	C108	Williams
474a	Investments for Beginners.....	2		2	MTWTh	C220	Williams

GEOGRAPHY

(Enter in registration booklet and on class cards as Geog.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100	World Geography	2½	2½	4	Daily	C130	Murray
350a	Conservation of Natural Resources	2½		3	Daily	C130	Murray
354a	Geography of Eastern North America	2½		1	Daily	C130	Murray
355b	Geography of Western North America		2½	1	Daily	C130	Murray
380a	Geography of Hot, Wet Lands.....	2½		2	Daily	C134	Kaatz
444a	Geography Behind the News..	2		5	MTWTh	C134	Kaatz
470b	Geography of South America..		2½	5	Daily	C134	Murray
472a	Geography of Soviet Union....	2		2	MTWTh	C130	Kaatz

HISTORY

(Enter in registration booklet and on class cards as Hist.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100	Growth of American Democracy	2½	2½	2	Daily	C233	Rodine
201a	History and Government of Washington	3		1	Daily & Monday	C233	Rodine
201b	History and Government of Washington		3	6	Daily & Monday	C228	Rodine
346a-b	The West in American History..	2½	2½	3	Daily	C233	Warner
347a-b	The United States Since 1919..	2½	2½	4	Daily	C233	Rodine
349a-b	Selected American Biographies..	2½	2½	5	Daily	C233	Warner
452a-b	American Diplomatic History..	2½	2½	1	Daily	C206	Warner
479a-b	Europe in the 20th Century....	2½	2½	1	Daily	C116	Odell

POLITICAL SCIENCE

(Enter in registration booklet and on class cards as P. S.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
444a	Political Campaigns and Elections	2½		4	Daily	C220	Odell
466b	Current Issues of American Democracy		2½	5	Daily	C220	Odell

SECRETARIAL SCIENCE

(Enter in registration booklet and on class cards as Sec. Sc.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
*151a-b	Elementary Typewriting	1	1	1	Daily	BE104	Kosy
*161a-b	Shorthand-Beginning	2½	2½	2	Daily	BE105	Treadwell
373b	Practical Classroom Duplicating Techniques		2	3	MTWTh	BE103	Kosy

SOCIOLOGY

(Enter in registration booklet and on class cards as Soc.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
100	Development of Social Institutions	2½	2½	3	Daily	C223	Odell
345a-b	Social Problems	2½	2½	4	Daily	C223	Fetter
360a	The Community	2		6	MTWTh	C223	Fetter
365b	Intercultural and Intergroup Education		2½	1	Daily	C233	Fetter
480b	Cultural Anthropology		2½	2	Daily	C223	Fetter
482a	Physical Anthropology	2½		2	Daily	C223	Fetter

SOCIAL SCIENCE

(Enter in registration booklet and on class cards as Soc. Sc.)

No.	Descriptive Title	Credits		Period	Days	Place	Instructor
		1st	2nd				
420a	Social Science Methods and Materials, Elementary	2		7	MTWTh	C109	Weber
420b	Social Science Methods and Materials, Elementary		2	7	MTWTh	C109	Weber

* Second term may not be taken without having had first term.

COURSE NUMBERING SYSTEM CONVERSION TABLES

The following tables provide a comparison of course numbers under the revised numbering system (effective with the 1955 Autumn Quarter) with those which were in use prior to September, 1955. The new numbers appear first in bold face type. The former numbers appear in open face type and are placed in parenthesis following the new numbers.

EDUCATION, PHILOSOPHY AND PSYCHOLOGY DIVISION

Education

Ed. 307 (100)	Ed. 433 (161)	Ed. 473 (160)
Ed. 311 (105)	Ed. 434 (108)	Ed. 476 (177)
Ed. 312 (105)	Ed. 435 (166)	Ed. 487 (172)
Ed. 313 (105)	Ed. 439 (127)	Ed. 499 (122)
Ed. 316 (139)	Ed. 440 (148)	Ed. 507 (200)
Ed. 319 (50)	Ed. 442AK (106y)	Ed. 546 (207)
Ed. 321 (124)	Ed. 422AP (106y)	Ed. 547 (208)
Ed. 322 (117)	Ed. 442AI (106y)	Ed. 553 (215)
Ed. 323 (128)	Ed. 422AJ (106y)	Ed. 554 (216)
Ed. 330 (137)	Ed. 422AS (106y)	Ed. 555 (217)
Ed. 337 (145)	Ed. 422K (104, 106, 106y)	Ed. 562 (206)
Ed. 338 (125)	Ed. 442P (104, 106, 106y)	Ed. 570 (201)
Ed. 339 (126)	Ed. 422I (104, 106, 106y)	Ed. 574 (171)
Ed. 345 (102)	Ed. 442J (104, 106, 106y)	Ed. 577 (157)
Ed. 346 (107)	Ed. 442S (104, 106, 106y)	Ed. 578 (151)
Ed. 357 (.....)	Ed. 443 (106h)	Ed. 579 (109)
Ed. 358 (146)	Ed. 444 (106y)	Ed. 580 (143)
Ed. 359 (Psy. 106)	Ed. 446 (120)	Ed. 581 (170)
Ed. 362 (195)	Ed. 447 (121)	Ed. 582 (173)
Ed. 410 (118)	Ed. 450 (140)	Ed. 585 (110)
Ed. 417 (144)	Ed. 451 (153)	Ed. 587 (204)
Ed. 420 (103)	Ed. 460 (158)	Ed. 588 (174)
Ed. 421 (132)	Ed. 462 (167)	Ed. 589 (175)
Ed. 422 (132)	Ed. 463 (116)	Ed. 590 (176)
Ed. 423 (147)	Ed. 464 (212)	Ed. 596 (180)
Ed. 424 (.....)	Ed. 467 (112)	Ed. 599A (203)
Ed. 426 (164)	Ed. 468 (101)	Ed. 599C (220)
Ed. 431 (156)	Ed. 472 (159)	Ed. 600 (250)

Philosophy

Phil. 307 (129)	Phil. 345 (131)	Phil. 448 (132)
Phil. 344 (130)	Phil. 350 (.....)	

Psychology

Psy. 100 (1)	Psy. 442 (102)	Psy. 463 (140)
Psy. 252 (3)	Psy. 444 (104)	Psy. 464 (Ed. 162)
Psy. 343 (103)	Psy. 445 (105)	Psy. 465 (Ed. 163)
Psy. 346 (107)	Psy. 447 (108)	Psy. 499 (110)
Psy. 350 (113)	Psy. 448 (109)	Psy. 552 (200)
Psy. 351 (115)	Psy. 449 (111)	Psy. 596 (.....)
	Psy. 461 (160)	

FINE AND INDUSTRIAL ARTS DIVISION**Fine Art**

Art 100 (1)	Art 349 (141)	Art 422 (.....)
Art 107 (3)	Art 350 (102)	Art 425 (129)
Art 250 (50)	Art 351 (112)	Art 429 (130)
Art 251 (100)	Art 352 (115)	Art 442 (134)
Art 260 (52)	Art 353 (121)	Art 444 (140)
Art 262 (56)	Art 354 (.....)	Art 446 (135)
Art 270 (101)	Art 360 (108)	Art 448 (.....)
Art 271 (107)	Art 361 (106)	Art 470 (.....)
Art 277 (51)	Art 362 (113)	Art 485 (.....)
Art 280 (54)	Art 371 (109)	Art 496 (150)
Art 285 (55)	Art 372 (118)	Art 497 (151)
Art 321 (65)	Art 373 (126)	Art 498 (152)
Art 323 (104)	Art 377 (117)	Art 545 (200)
Art 325 (120)	Art 380 (116)	Art 599 (201)
Art 327 (133)	Art 385 (111)	
Art 348 (153)	Art 421 (.....)	

Industrial Arts

I.A. 142 (70)	I.A. 348 (108)	I.A. 433 (131)
I.A. 144 (80)	I.A. 349 (.....)	I.A. 440 (140)
I.A. 150 (71)	I.A. 350 (113)	I.A. 444 (.....)
I.A. 255 (83)	I.A. 355 (110)	I.A. 445 (100)
I.A. 260 (73)	I.A. 356 (86)	I.A. 447 (.....)
I.A. 262 (74)	I.A. 357 (183)	I.A. 466 (117)
I.A. 265 (79)	I.A. 360 (103)	I.A. 496 (150)
I.A. 269 (85)	I.A. 362 (114)	I.A. 497 (151)
I.A. 330 (130)	I.A. 365 (111)	I.A. 498 (152)
I.A. 342 (105)	I.A. 371 (200)	I.A. 599 (135)
I.A. 344 (106)	I.A. 375 (116)	
I.A. 347 (107)	I.A. 431 (134)	

HEALTH, PHYSICAL EDUCATION, AND RECREATION DIVISION**Health Education**

H. Ed. 100 (1)	H. Ed. 347 (107)	H. Ed. 518 (.....)
H. Ed. 142 (52)	H. Ed. 350 (106)	H. Ed. 525 (.....)
H. Ed. 245 (55)	H. Ed. 460 (103)	H. Ed. 560 (.....)
H. Ed. 321 (119)	H. Ed. 470 (130)	H. E. 596 (.....)
H. Ed. 345 (111)	H. Ed. 499 (135)	

Physical Education

P.E. 207 (56)	P.E. 331 (128)	P.E. 448 (H. Ed. 164)
P.E. 246 (57)	P.E. 334 (100)	P.E. 458 (103)
P.E. 321 (60)	P.E. 335 (130)	P.E. 459 (H. Ed. 101)
P.E. 323 (61)	P.E. 348 (64)	P.E. 460 (133)
P.E. 324 (62)	P.E. 352 (13)	P.E. 466 (116)
P.E. 325 (63)	P.E. 353 (120)	P.E. 480 (110)
P.E. 326 (117)	P.E. 361 (H. Ed. 118)	P.E. 481 (126)
P.E. 327 (51, 118)	P.E. 440 (Ed. 148cc)	P.E. 499A (140)
P.E. 328 (121)	P.E. 443 (151)	P.E. 499P (135)
P.E. 329 (122)	P.E. 444 (152)	P.E. 596 (.....)

Recreation

Rec. 207 (P.E. 59)	Rec. 466 (P.E. 125)	Rec. 499 (P.E. 129)
Rec. 249 (P.E. 58)	Rec. 470 (P.E. 132)	Rec. 596 (.....)
Rec. 442 (Ed. 106R)	Rec. 480 (P.E. 124)	
Rec. 460 (P.E. 127)	Rec. 489 (P.E. 102)	

HEALTH, PHYSICAL EDUCATION, AND RECREATION DIVISION

—Continued

Physical Education Activities

1. The letters "M" and "W" will be used to indicate whether classes are limited to men or women.
2. In the numbering of the activity classes the even numbers indicate beginning classes and the odd numbers indicate advanced classes.

P.E. 2 Basic Skills	P.E. 50 Archery
P.E. 4 Adapted Activities	P.E. 52 Badminton
P.E. 6 Conditioning Exercises	P.E. 54 Bowling
P.E. 10M Baseball	P.E. 56M Boxing for Beginners
P.E. 12 Basketball	P.E. 57M Boxing for Advanced
P.E. 14W Field Hockey	P.E. 58M Cross Country
P.E. 16M Flagball	P.E. 60 Fencing
P.E. 18 Soccer	P.E. 62 Golf for Beginners
P.E. 20 Softball	P.E. 63 Golf for Advanced
P.E. 22 Speedball	P.E. 64 Recreational Games
P.E. 24M Touch Football	P.E. 66 Skiing
P.E. 26 Volleyball	P.E. 67 Advanced Skiing
P.E. 28M Field Sports	P.E. 68 Tennis for Beginners
P.E. 30 Dance I (introduction)	P.E. 69 Tennis for Advanced
P.E. 31 Dance II (composition)	P.E. 70 Tumbling
P.E. 32 International Dance	P.E. 72M Wrestling
P.E. 34 Social Dance for Beginners	P.E. 89M Baseball
P.E. 35 Social Dance for Advanced	P.E. 91M Basketball
P.E. 42 Swimming for Beginners	P.E. 93M Football
P.E. 43 Swimming for Intermediates	P.E. 95M Golf
P.E. 44 Recreational Swimming	P.E. 97M Tennis
P.E. 45 Life Saving	P.E. 99M Track and Field

HOME ECONOMICS DIVISION

H. Ec. 107 (1)	H. Ec. 260 (63)	H. Ec. 390 (115)
H. Ec. 149 (10)	H. Ec. 270 (105)	H. Ec. 395 (110)
H. Ec. 150 (20)	H. Ec. 320 (123)	H. Ec. 445 (120)
H. Ec. 155 (30)	H. Ec. 325 (124)	H. Ec. 450 (121)
H. Ec. 165 (40)	H. Ec. 330 (122)	H. Ec. 476 (181)
H. Ec. 185 (52)	H. Ec. 350 (171)	H. Ec. 480 (141)
H. Ec. 200 (2)	H. Ec. 375 (180)	H. Ec. 485 (152)
H. Ec. 245 (21)	H. Ec. 385 (151)	H. Ec. 490 (191)

LANGUAGE, LITERATURE AND SPEECH

English

Eng. 100 (A)	Eng. 267 (67)	Eng. 382 (105)
Eng. 101 (1)	Eng. 268 (68)	Eng. 384 (154)
Eng. 102 (2)	Eng. 280 (70)	Eng. 448 (145)
Eng. 103 (3)	Eng. 320 (119)	Eng. 451 (104)
Eng. 205 (20)	Eng. 328 (128)	Eng. 455 (160)
Eng. 241 (50)	Eng. 338 (138)	Eng. 458 (161)
Eng. 243 (51)	Eng. 341 (.....)	Eng. 459 (132)
Eng. 244 (52)	Eng. 345 (100)	Eng. 470 (110)
Eng. 260 (60)	Eng. 346 (101)	Eng. 472 (111)
Eng. 262 (61)	Eng. 347 (152)	Eng. 473 (140)
Eng. 263 (61)	Eng. 365 (131)	Eng. 482 (.....)
Eng. 264 (61)	Eng. 374 (102)	Eng. 485 (106)
Eng. 266 (65)	Eng. 375 (103)	Eng. 491 (170)

LANGUAGE, LITERATURE AND SPEECH—Continued**Speech and Drama**

Sp. 141 (50)	Sp. 260 (60)	Sp. 380 (124)
Sp. 161 (55)	Sp. 320 (120)	Sp. 382 (125)
Sp. 176 (2)	Sp. 328 (128)	Sp. 445 (140)
Sp. 177 (2)	Sp. 361 (121)	Sp. 447 (145)
Sp. 178 (2)	Sp. 363 (106)	Sp. 450 (157)
Sp. 201 (1)	Sp. 365 (105)	Sp. 488 (131)
Sp. 243 (54)	Sp. 370 (109)	Sp. 489 (132)
Sp. 244 (70)	Sp. 372 (110)	Sp. 490 (133)
Sp. 256 (58)	Sp. 377 (119)	Sp. 496 (130)
Sp. 259 (59)	Sp. 379 (122)	

French

Fr. 151 (50)	Fr. 256 (54)	Fr. 356 (101)
Fr. 152 (51)	Fr. 257 (55)	Fr. 357 (102)
Fr. 153 (52)	Fr. 260 (152)	
Fr. 255 (53)	Fr. 355 (100)	

Spanish

Span. 151 (50)	Span. 255 (53)	Span. 355 (100)
Span. 152 (51)	Span. 256 (54)	Span. 356 (101)
Span. 153 (52)	Span. 257 (55)	Span. 357 (102)

LIBRARY SCIENCE DIVISION

Lib. 145 (50)	Lib. 360 (102)	Lib. 390 (120)
Lib. 350 (101)	Lib. 370 (103)	Lib. 485 (175)
	Lib. 380 (150)	

MUSIC DIVISION

Mus. 101 (1)	Mus. 164B (76B)	Mus. 202 (2)
Mus. 141 (50)	Mus. 164C (76C)	Mus. 203 (3)
Mus. 142 (64)	Mus. 164D (76D)	Mus. 241 (111)
Mus. 147 (35)	Mus. 164E (76E)	Mus. 242 (104)
Mus. 148 (35)	Mus. 164F (76F)	Mus. 243 (116)
Mus. 149 (35)	Mus. 164G (76G)	Mus. 247 (35)
Mus. 150 (20)	Mus. 165A (77A)	Mus. 248 (35)
Mus. 151 (7)	Mus. 165B (77B)	Mus. 249 (35)
Mus. 152 (8)	Mus. 165C (77C)	Mus. 251 (10)
Mus. 153 (9)	Mus. 165D (77D)	Mus. 252 (11)
Mus. 154A (54A)	Mus. 165E (77E)	Mus. 253 (12)
Mus. 154B (54B)	Mus. 165F (77F)	Mus. 264A (86A)
Mus. 154C (54C)	Mus. 165G (77G)	Mus. 264B (86B)
Mus. 154D (54D)	Mus. 166A (78A)	Mus. 264C (86C)
Mus. 154E (54E)	Mus. 166B (78B)	Mus. 264D (86D)
Mus. 154G (54G)	Mus. 166C (78C)	Mus. 264E (86E)
Mus. 155A (55A)	Mus. 166D (78D)	Mus. 264F (86F)
Mus. 155B (55B)	Mus. 166E (78E)	Mus. 264G (86G)
Mus. 155C (55C)	Mus. 166F (78F)	Mus. 265A (87A)
Mus. 155D (55D)	Mus. 166G (78G)	Mus. 265B (87B)
Mus. 155E (55E)	Mus. 167 (66)	Mus. 265C (87C)
Mus. 155G (55G)	Mus. 168 (67)	Mus. 265D (87D)
Mus. 156A (56A)	Mus. 169 (68)	Mus. 265E (87E)
Mus. 156B (56B)	Mus. 177 (69)	Mus. 265F (87F)
Mus. 156C (56C)	Mus. 178 (70)	Mus. 265G (87G)
Mus. 156D (56D)	Mus. 179 (71)	Mus. 266A (88A)
Mus. 156E (56E)	Mus. 187 (72)	Mus. 266B (88B)
Mus. 156G (56G)	Mus. 188 (73)	Mus. 266D (88D)
Mus. 164A (76A)	Mus. 189 (74)	Mus. 266C (88C)

MUSIC DIVISION—Continued

Mus. 266E (88E)	Mus. 365D (101D)	Mus. 466C (162C)
Mus. 266F (88F)	Mus. 365E (101E)	Mus. 466D (162D)
Mus. 266G (88G)	Mus. 365F (101F)	Mus. 466E (162E)
Mus. 267 (.....)	Mus. 365G (101G)	Mus. 466F (162F)
Mus. 268 (.....)	Mus. 366A (102A)	Mus. 466G (162G)
Mus. 269 (.....)	Mus. 366B (102B)	Mus. 467 (.....)
Mus. 277 (.....)	Mus. 366C (102C)	Mus. 468 (.....)
Mus. 278 (.....)	Mus. 366D (102D)	Mus. 469 (.....)
Mus. 279 (.....)	Mus. 366E (102E)	Mus. 470 (120)
Mus. 287 (.....)	Mus. 366F (102F)	Mus. 472 (123)
Mus. 288 (.....)	Mus. 366G (102G)	Mus. 474 (126)
Mus. 289 (.....)	Mus. 367 (163)	Mus. 477 (.....)
Mus. 321 (103)	Mus. 368 (164)	Mus. 478 (.....)
Mus. 322 (128)	Mus. 369 (165)	Mus. 479 (.....)
Mus. 324 (130)	Mus. 370 (112)	Mus. 480 (153)
Mus. 326 (151)	Mus. 372 (113)	Mus. 481 (154)
Mus. 327 (152)	Mus. 377 (166)	Mus. 482 (196)
Mus. 341 (107)	Mus. 378 (167)	Mus. 483 (106)
Mus. 342 (108)	Mus. 379 (168)	Mus. 484 (150)
Mus. 347 (35)	Mus. 387 (172)	Mus. 487 (.....)
Mus. 348 (35)	Mus. 388 (173)	Mus. 488 (.....)
Mus. 349 (35)	Mus. 389 (174)	Mus. 489 (.....)
Mus. 354A (155A)	Mus. 421 (115)	Mus. 490 (170)
Mus. 354B (155B)	Mus. 423 (.....)	Mus. 491 (195)
Mus. 354C (155C)	Mus. 440 (180, 181)	Mus. 499 (.....)
Mus. 354D (155D)	Mus. 441 (.....)	Mus. 523 (201)
Mus. 354E (155E)	Mus. 443 (117)	Mus. 564A (.....)
Mus. 354G (155G)	Mus. 444 (118)	Mus. 564B (.....)
Mus. 355A (156A)	Mus. 445 (119)	Mus. 564C (.....)
Mus. 355B (156B)	Mus. 447 (35)	Mus. 564D (.....)
Mus. 355C (156C)	Mus. 448 (35)	Mus. 564E (.....)
Mus. 355D (156D)	Mus. 449 (35)	Mus. 564F (.....)
Mus. 355E (156E)	Mus. 450 (131)	Mus. 564G (.....)
Mus. 355G (156G)	Mus. 452 (132)	Mus. 565A (.....)
Mus. 356A (157A)	Mus. 464A (160A)	Mus. 565B (.....)
Mus. 356B (157B)	Mus. 464B (160B)	Mus. 565C (.....)
Mus. 356C (157C)	Mus. 464C (160C)	Mus. 565D (.....)
Mus. 356D (157D)	Mus. 464D (160D)	Mus. 565E (.....)
Mus. 356E (157E)	Mus. 464E (160E)	Mus. 565F (.....)
Mus. 356G (157G)	Mus. 464F (160F)	Mus. 565G (.....)
Mus. 364A (100A)	Mus. 464G (160G)	Mus. 566A (.....)
Mus. 364B (100B)	Mus. 465A (161A)	Mus. 566B (.....)
Mus. 364C (100C)	Mus. 465B (161B)	Mus. 566C (.....)
Mus. 364D (100D)	Mus. 465C (161C)	Mus. 566D (.....)
Mus. 364E (100E)	Mus. 465D (161D)	Mus. 566E (.....)
Mus. 364F (100F)	Mus. 465E (161E)	Mus. 566F (.....)
Mus. 364G (100G)	Mus. 465F (161F)	Mus. 566G (.....)
Mus. 365A (101A)	Mus. 465G (161G)	Mus. 590 (200)
Mus. 365B (101B)	Mus. 466A (162A)	Mus. 596 (.....)
Mus. 365C (101C)	Mus. 466B (162B)	

SCIENCE AND MATHEMATICS DIVISION**Biological Science**

Bio. Sci. 100 (2)	Bio. Sci. 365 (143)	Bio. Sci. 496 (150)
Bio. Sci. 350 (128)	Bio. Sci. 370 (92)	Bio. Sci. 497 (151)
Bio. Sci. 360 (101)	Bio. Sci. 470 (192)	

Botany

Bot. 161 (55)	Bot. 345 (65)	Bot. 455 (66)
Bot. 162 (56)	Bot. 350 (59)	Bot. 470 (131)
Bot. 163 (57)	Bot. 358 (129)	Bot. 496 (150)
Bot. 165 (63)	Bot. 360 (130)	Bot. 497 (151)
Bot. 250 (58)	Bot. 363 (.....)	

Chemistry

Chem. 161 (70)	Chem. 361 (113)	Chem. 481 (135)
Chem. 162 (71)	Chem. 362 (114)	Chem. 482 (136)
Chem. 173 (72)	Chem. 363 (115)	Chem. 483 (137)
Chem. 351 (110)	Chem. 365 (152)	Chem. 496 (150)
Chem. 352 (111)	Chem. 450 (120)	Chem. 497 (151)

Geology

Geol. 145 (45)	Geol. 247 (48)	Geol. 441 (.....)
Geol. 147 (44)	Geol. 346 (161)	Geol. 449 (165)
Geol. 149 (46)	Geol. 347 (164)	Geol. 496 (150)
Geol. 245 (47)	Geol. 350 (.....)	Geol. 497 (151)

Mathematics

Math. 145 (2)	Math. 175 (52)	Math. 420 (125)
Math. 147 (3)	Math. 246 (100)	Math. 441 (.....)
Math. 161 (50)	Math. 324 (Sci. Ed. 120)	Math. 451 (105)
Math. 162 (57)	Math. 351 (101)	Math. 452 (106)
Math. 165 (51)	Math. 352 (102)	Math. 471 (115, 116)
Math. 171 (54)	Math. 353 (103)	Math. 496 (150)
Math. 172 (55)	Math. 370 (110)	Math. 497 (151)
Math. 173 (56)	Math. 375 (.....)	

Physical Science

Phys. Sci. 100 (1)	Phys. Sci. 361 (.....)	Phys. Sci. 497 (151)
Phys. Sci. 245 (25)	Phys. Sci. 362 (.....)	
Phys. Sci. 250 (20)	Phys. Sci. 496 (150)	

Physics

Physics 145 (5)	Physics 263 (79)	Physics 453 (123)
Physics 147 (6)	Physics 345 (100)	Physics 455 (126)
Physics 161 (27)	Physics 347 (96)	Physics 461 (124)
Physics 162 (28)	Physics 355 (116)	Physics 470 (125)
Physics 163 (29)	Physics 361 (119)	Physics 496 (150)
Physics 261 (77)	Physics 362 (117)	Physics 497 (151)
Physics 262 (78)	Physics 363 (118)	

Science Education

Sci. Ed. 144 (3)	Sci. Ed. 356 (132M)	Sci. Ed. 422 (.....)
Sci. Ed. 321 (139)	Sci. Ed. 357 (132G)	Sci. Ed. 423 (.....)
Sci. Ed. 322 (133)	Sci. Ed. 358 (132K)	Sci. Ed. 424 (.....)
Sci. Ed. 324 (134)	Sci. Ed. 359 (132B)	Sci. Ed. 445 (105)
Sci. Ed. 351 (132C)	Sci. Ed. 360 (132A)	Sci. Ed. 495 (.....)
Sci. Ed. 352 (132H)	Sci. Ed. 361 (132L)	Sci. Ed. 496 (150)
Sci. Ed. 353 (132E)	Sci. Ed. 362 (132I)	Sci. Ed. 497 (151)
Sci. Ed. 354 (132F)	Sci. Ed. 363 (132J)	
Sci. Ed. 355 (132D)	Sci. Ed. 370 (.....)	

SCIENCE AND MATHEMATICS DIVISION—Continued**Zoology**

Zool. 161 (50)	Zool. 348 (142)	Zool. 380 (145)
Zool. 162 (51)	Zool. 351 (140)	Zool. 450 (120)
Zool. 163 (52)	Zool. 352 (141)	Zool. 470 (91)
Zool. 250 (80)	Zool. 370 (90)	Zool. 496 (150)
Zool. 272 (93)	Zool. 375 (.....)	Zool. 497 (151)
Zool. 345 (103)		

SOCIAL SCIENCES DIVISION**Commercial Education**

C. Ed. 145 (3)	C. Ed. 253 (107)	C. Ed. 420 (.....)
C. Ed. 146 (64)	C. Ed. 255 (106)	C. Ed. 423 (115)
C. Ed. 151 (61)	C. Ed. 321 (110)	C. Ed. 425 (117)
C. Ed. 152 (62)	C. Ed. 356 (100)	C. Ed. 426 (118)
C. Ed. 153 (63)	C. Ed. 359 (108)	C. Ed. 496 (114)
C. Ed. 251 (65)	C. Ed. 365 (112)	
C. Ed. 252 (105)	C. Ed. 375 (111)	

Economics

Econ. 244 (70)	Econ. 366 (112)	Econ. 474 (121)
Econ. 251 (68)	Econ. 375 (120)	Econ. 480 (110)
Econ. 252 (69)	Econ. 385 (.....)	Econ. 496 (150)
Econ. 255 (115)	Econ. 445 (111)	
Econ. 365 (109)	Econ. 470 (105)	

Geography

Geog. 100 (1)	Geog. 369 (127)	Geog. 468 (131)
Geog. 245 (50)	Geog. 371 (112)	Geog. 470 (111)
Geog. 255 (122)	Geog. 380 (105)	Geog. 472 (123)
Geog. 347 (81)	Geog. 385 (160)	Geog. 474 (120)
Geog. 348 (83)	Geog. 421 (121)	Geog. 475 (118, 119)
Geog. 350 (114)	Geog. 444 (104)	Geog. 481 (129)
Geog. 352 (110)	Geog. 465 (132)	Geog. 496 (124)
Geog. 354 (108)	Geog. 466 (133)	
Geog. 355 (109)	Geog. 467 (134)	

History

Hist. 100 (21)	Hist. 346 (109)	Hist. 385 (132)
Hist. 143 (50)	Hist. 347 (111)	Hist. 391 (104)
Hist. 144 (51)	Hist. 348 (116)	Hist. 450 (117)
Hist. 170 (61)	Hist. 349 (118)	Hist. 452 (122)
Hist. 171 (62)	Hist. 369 (115)	Hist. 454 (140)
Hist. 201 (110)	Hist. 373 (60)	Hist. 468 (123)
Hist. 272 (133)	Hist. 374 (100)	Hist. 469 (.....)
Hist. 288 (57)	Hist. 375 (101)	Hist. 479 (125)
Hist. 290 (141)	Hist. 376 (102)	Hist. 481 (135)
Hist. 345 (106)	Hist. 384 (121)	Hist. 496 (113)

Political Science

Pol. Sci. 242 (40)	Pol. Sci. 350 (55)	Pol. Sci. 384 (100)
Pol. Sci. 244 (52)	Pol. Sci. 352 (104)	Pol. Sci. 444 (111)
Pol. Sci. 246 (103)	Pol. Sci. 374 (114)	Pol. Sci. 466 (112)
Pol. Sci. 321 (115)	Pol. Sci. 376 (102)	Pol. Sci. 474 (110)
Pol. Sci. 348 (107)	Pol. Sci. 378 (54)	Pol. Sci. 488 (101)

SOCIAL SCIENCES DIVISION—Continued**Secretarial Science**

Sec. Sci. 142 (55)	Sec. Sci. 162 (57)	Sec. Sci. 280 (109)
Sec. Sci. 151 (51)	Sec. Sci. 163 (58)	Sec. Sci. 285 (64)
Sec. Sci. 152 (52)	Sec. Sci. 164 (59)	Sec. Sci. 373 (120)
Sec. Sci. 153 (53)	Sec. Sci. 271 (4)	Sec. Sci. 378 (125)
Sec. Sci. 154 (54)	Sec. Sci. 272 (5)	
Sec. Sci. 161 (56)	Sec. Sci. 278 (60)	

Social Science

Sec. Sci. 420 (117)	Soc. Sci. 421 (128)	Soc. Sci. 521 (200)
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Sociology

Soc. 100 (20)	Soc. 355 (121)	Soc. 450 (111)
Soc. 242 (51)	Soc. 360 (120)	Soc. 480 (.....)
Soc. 280 (50)	Soc. 365 (156)	Soc. 482 (.....)
Soc. 345 (119)	Soc. 370 (56)	Soc. 496 (150)

AIR SCIENCE DIVISION

A.S. 101 (1)	A.S. 202 (5)	A.S. 353 (103)
A.S. 102 (2)	A.S. 203 (6)	A.S. 461 (104)
A.S. 103 (3)	A.S. 351 (101)	A.S. 462 (105)
A.S. 201 (4)	A.S. 352 (102)	A.S. 463 (106)